

NEWFIELD



February 17, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 1-19-9-16, 2-19-9-16, 3-19-9-16, 4-19-9-16,
1-20-9-16, 3-20-9-16, 9-20-9-16, and 4-21-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed Federal 1-19-9-16 is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

FEB 21 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

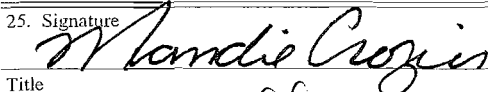
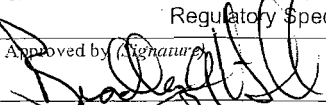
5. Lease Serial No. UTU-64379
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. N/A
8. Lease Name and Well No. Federal 4-19-9-16
9. API Well No. 43-013-33065
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area NW/NW Sec. 19, T9S R16E
12. County or Parish Duchesne
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		
2. Name of Operator Newfield Production Company		
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	10. Field and Pool, or Exploratory Monument Butte
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NW/NW 795' FNL 507' FWL 570948X 40.021561 At proposed prod. zone 4430271Y -110.168601		11. Sec., T., R., M., or Blk. and Survey or Area NW/NW Sec. 19, T9S R16E
14. Distance in miles and direction from nearest town or post office* Approximatley 19.5 miles southwest of Myton, Utah		12. County or Parish Duchesne
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 507' f/lse, NA' f/unit		13. State UT
16. No. of Acres in lease 1626.36		17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1391'		19. Proposed Depth 6010'
20. BLM/BIA Bond No. on file UTB000192		21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6147' GL
22. Approximate date work will start* 2nd Quarter 2006		23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 2/17/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL ENVIRONMENTAL MANAGER	Date 02-23-06
Title Environmental Manager	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

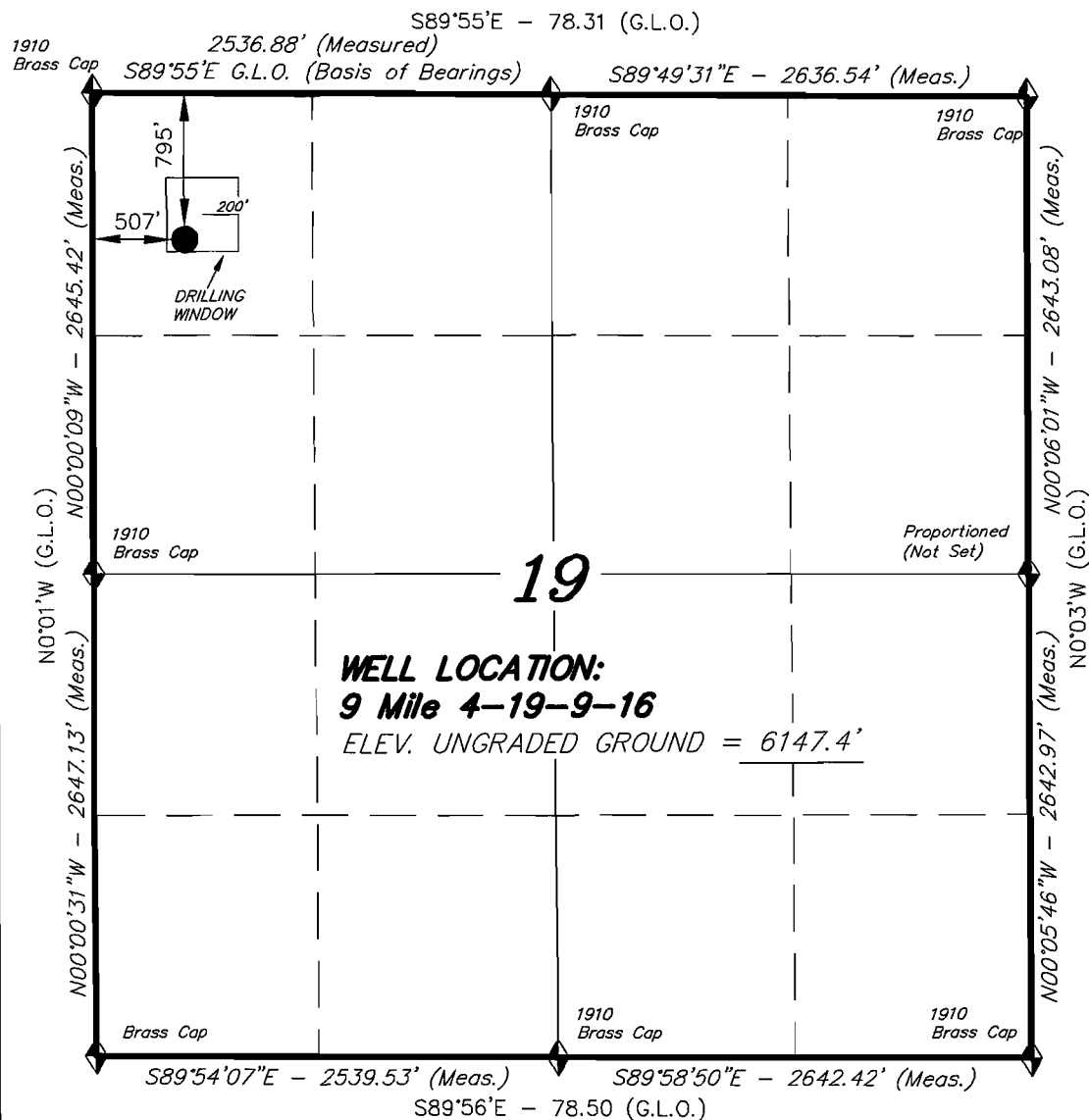
*(Instructions on reverse)

Federal Approval of this
Action is Necessary

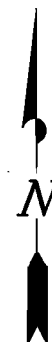
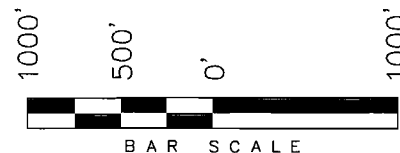
RECEIVED
FEB 21 2006
DIV. OF OIL, GAS & MINING

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY



WELL LOCATION, 9 Mile 4-19-9-16,
LOCATED AS SHOWN IN THE NW 1/4 NW
1/4 OF SECTION 19, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 1-5-06	SURVEYED BY: C.M.
DATE DRAWN: 01-11-05	DRAWN BY: L.C.S.
REVISED:	SCALE: 1" = 1000'

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 Mile 4-19-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 17.73"
LONGITUDE = 110° 10' 09.63"

NEWFIELD PRODUCTION COMPANY
FEDERAL #4-19-9-16
NW/NW SECTION 19, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2580'
Green River	2580'
Wasatch	6010'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2580' – 6010' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
FEDERAL #4-19-9-16
NW/NW SECTION 19, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #4-19-9-16 located in the NW 1/4 NW 1/4 Section 19, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 11.3 miles \pm to it's junction with an existing road to the southwest; proceed in a southwesterly direction - 4.0 miles \pm to it's junction with an existing road to the east; proceed northeasterly - 2.6 miles \pm to it's junction with the beginning of the proposed access road to the northeast; proceed northeasterly along the proposed access road - 170' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Olive Black.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-225, 7/13/05. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #4-19-9-16 Newfield Production Company requests 170' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 170' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less that 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass	<i>Agropyron Cristatum</i>	4 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre

Details of the On-Site Inspection

The proposed Federal #4-19-9-16 was on-sited on 11/3/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATIONRepresentative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

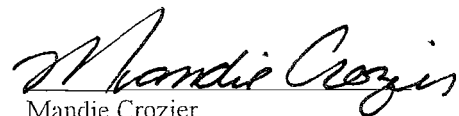
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #4-19-9-16 NW/NW Section 19, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

2/17/06

Date

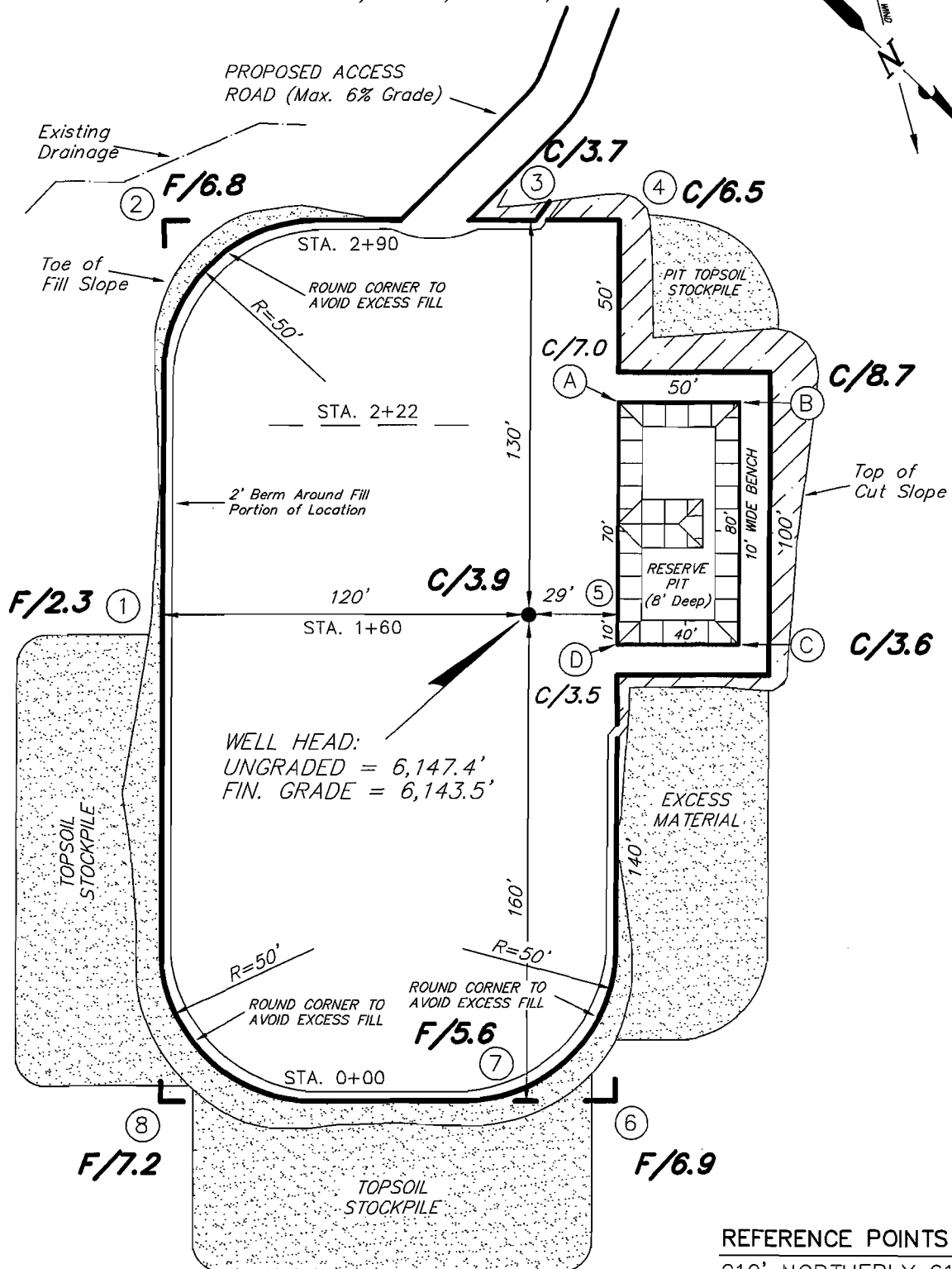


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 4-19-9-16

Section 19, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

210' NORTHERLY 6134.0'

260' NORTHERLY 6129.1'

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: L.C.S.

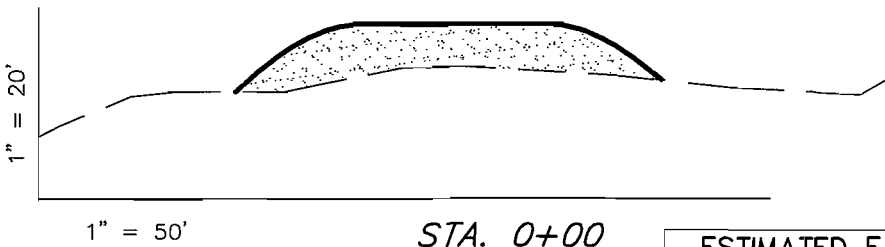
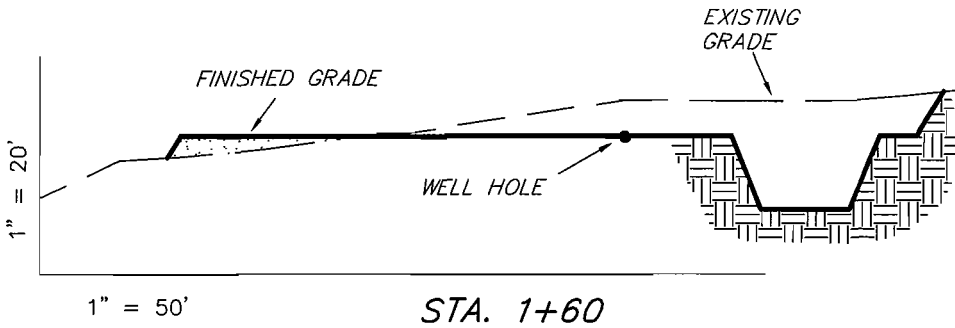
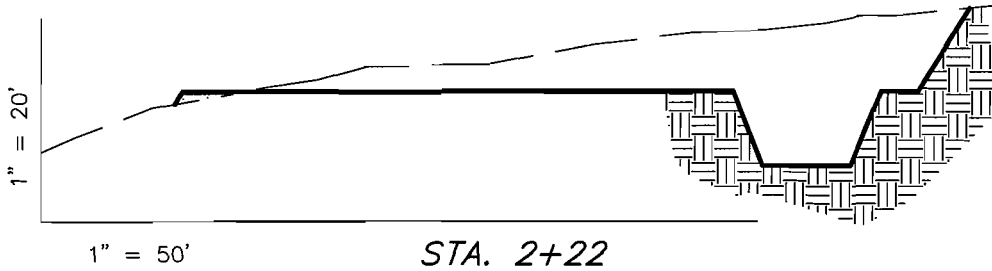
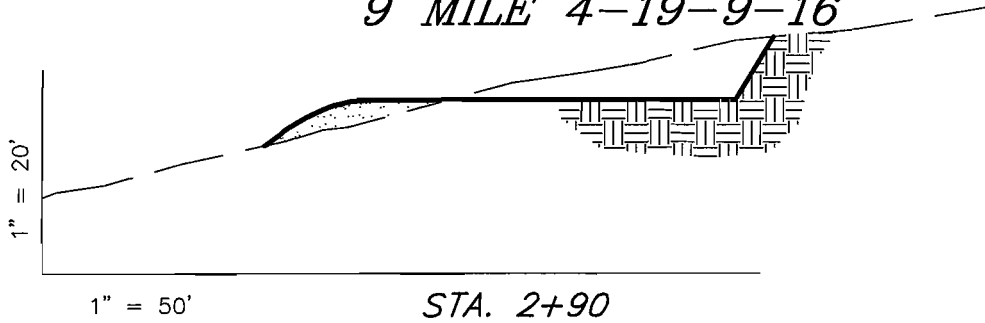
DATE: 01-11-06

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 4-19-9-16



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,040	3,040	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,680	3,040	990	640

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: L.C.S.

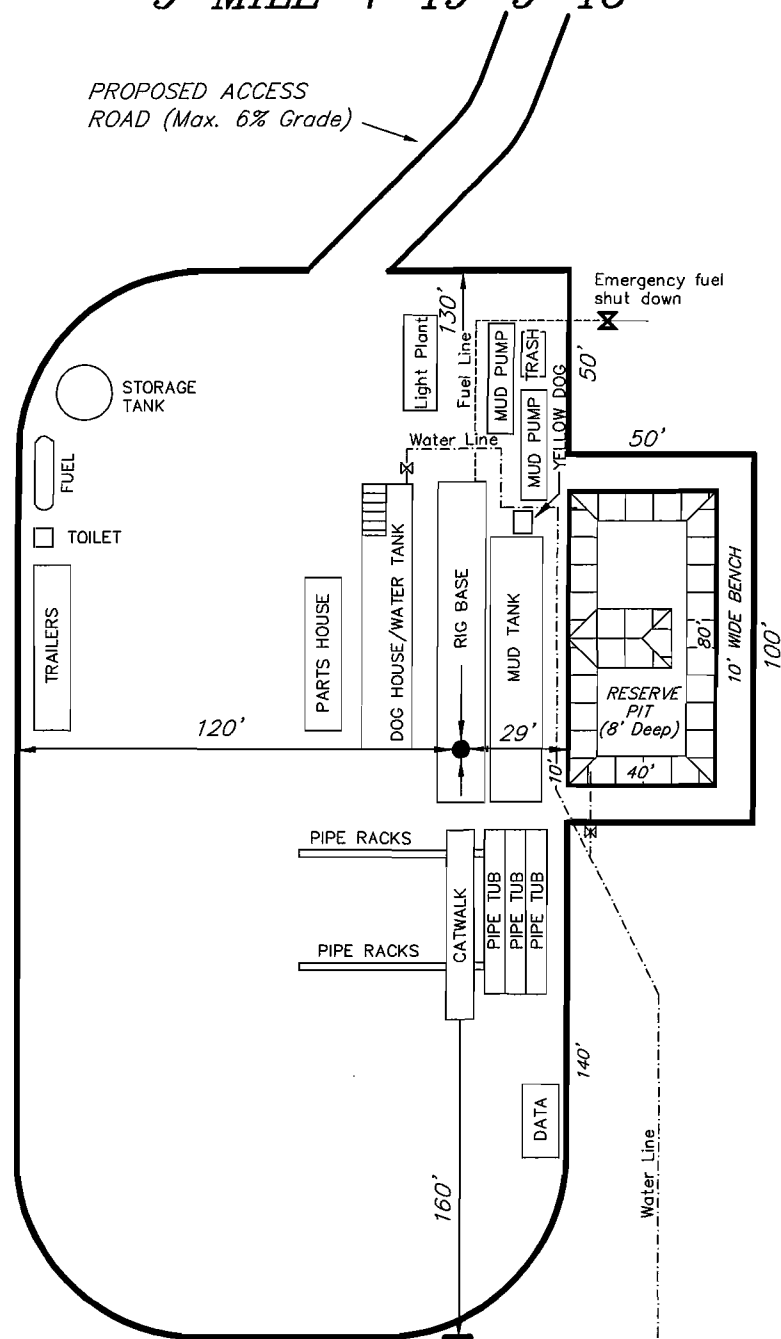
DATE: 01-11-06

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 4-19-9-16



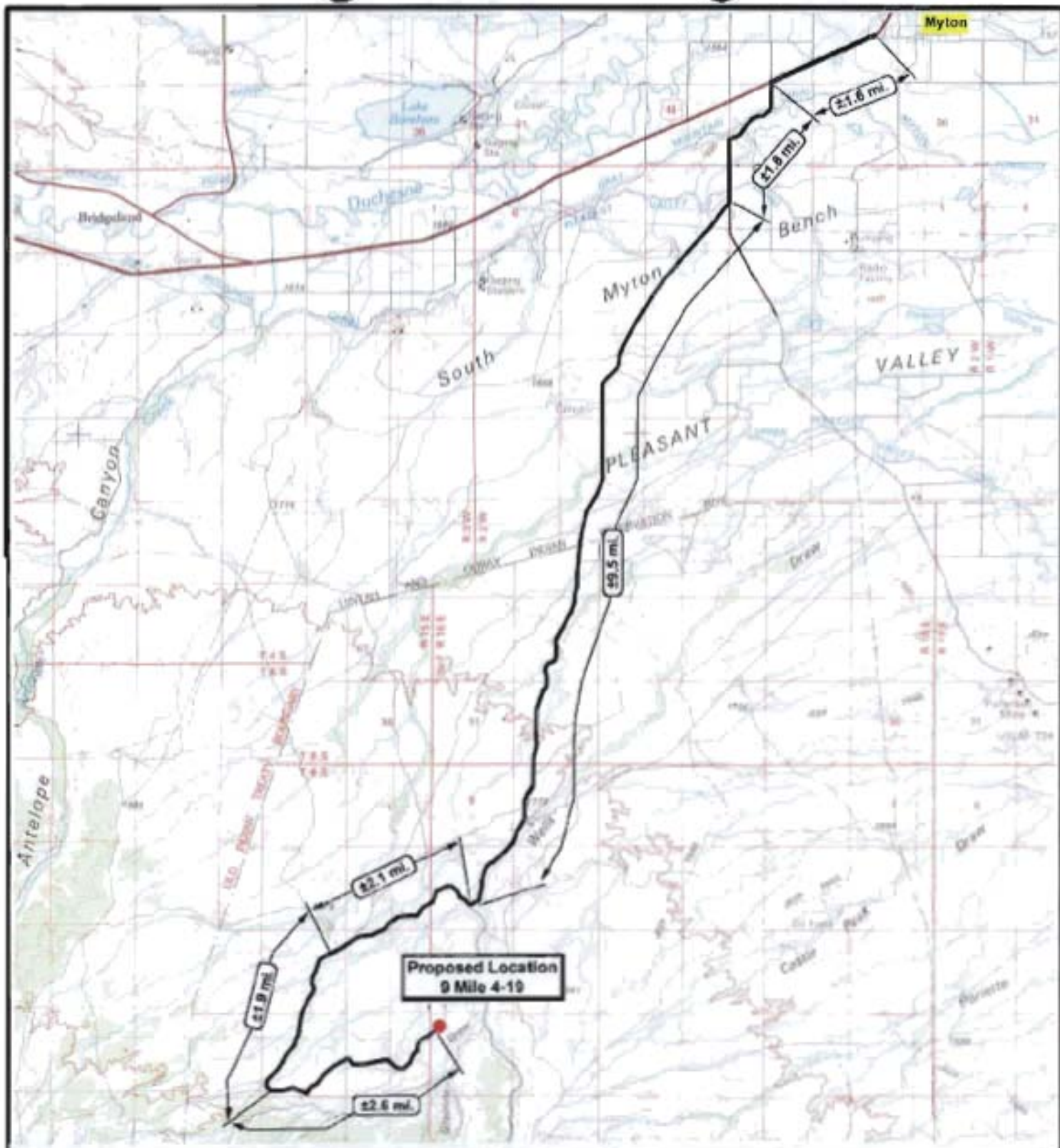
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SCALE: 1" = 50'

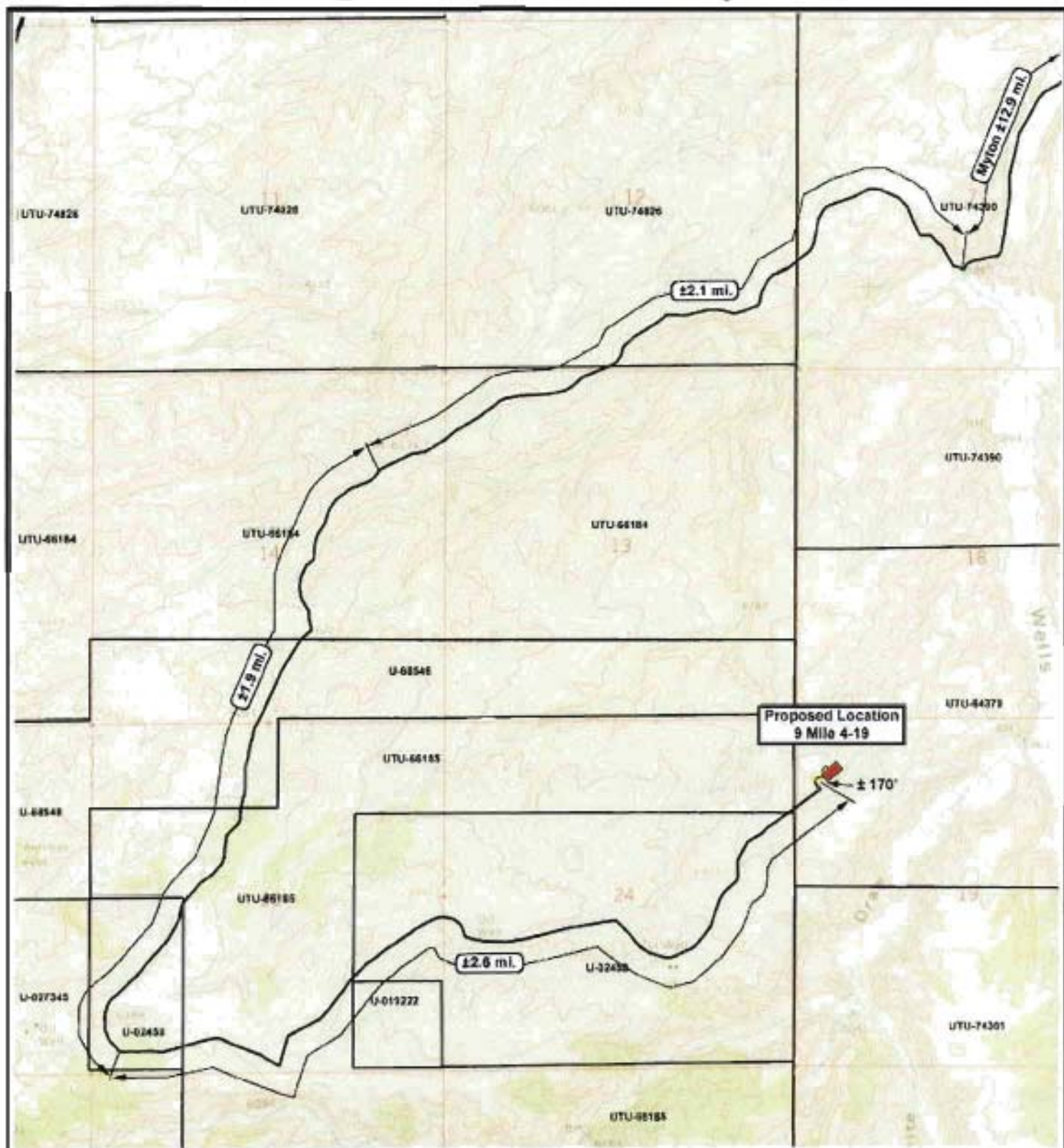
DRAWN BY: L.C.S.


DATE: 01-11-06

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078



 <p>NEWFIELD Exploration Company</p>		 <p>Tri-State Land Surveying Inc. (435) 781-2101 100 South Verand Ave. Salt Lake City, Utah 84119</p> <p>SCALE: 1 = 100,000 DRAWN BY: mww DATE: 01-18-2006</p>	<p>Legend</p> <p>Existing Road Proposed Access</p> <p>TOPOGRAPHIC MAP</p> <p>"A"</p>
<p>9 Mile 4-19-9-16 SEC. 19, T9S, R16E, S.L.B.&M.</p>			





NEWFIELD
Exploration Company

9 Mile 4-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vermont Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 01-18-2006

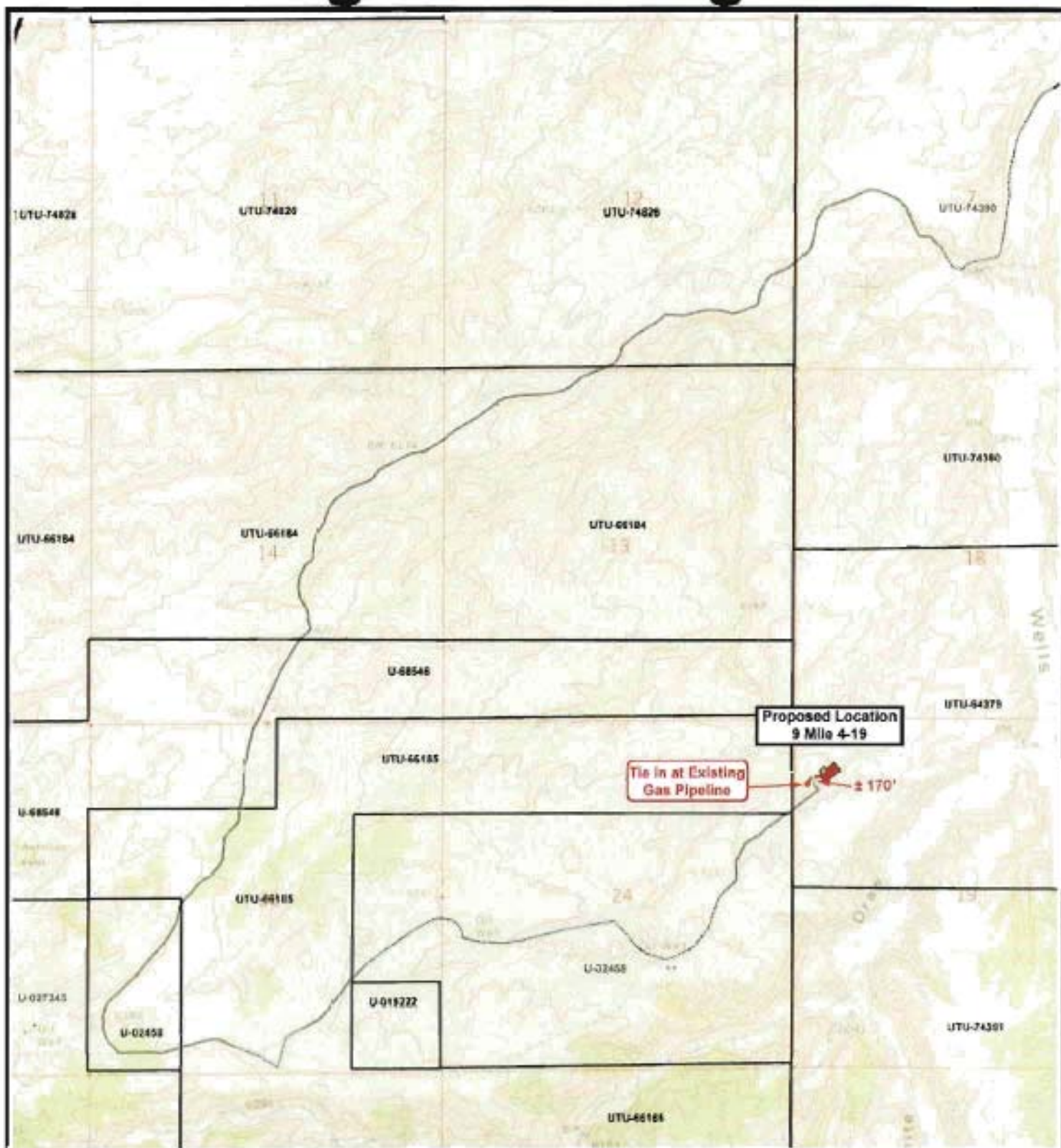
Legend

Existing Road

Proposed Access

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

9 Mile 4-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



185 North Vernal Ave. Vernal, Utah 84056

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 01-18-2006

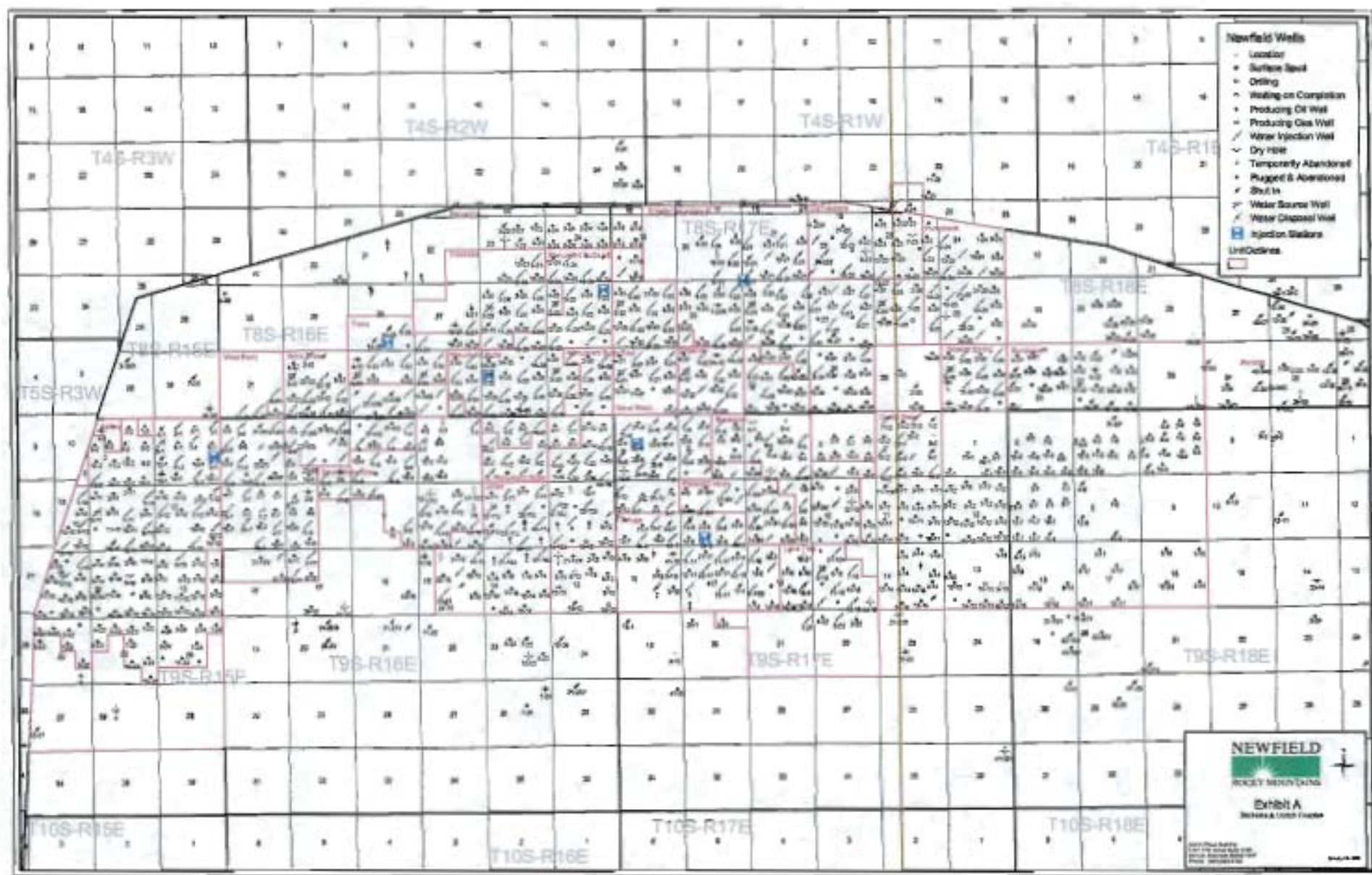
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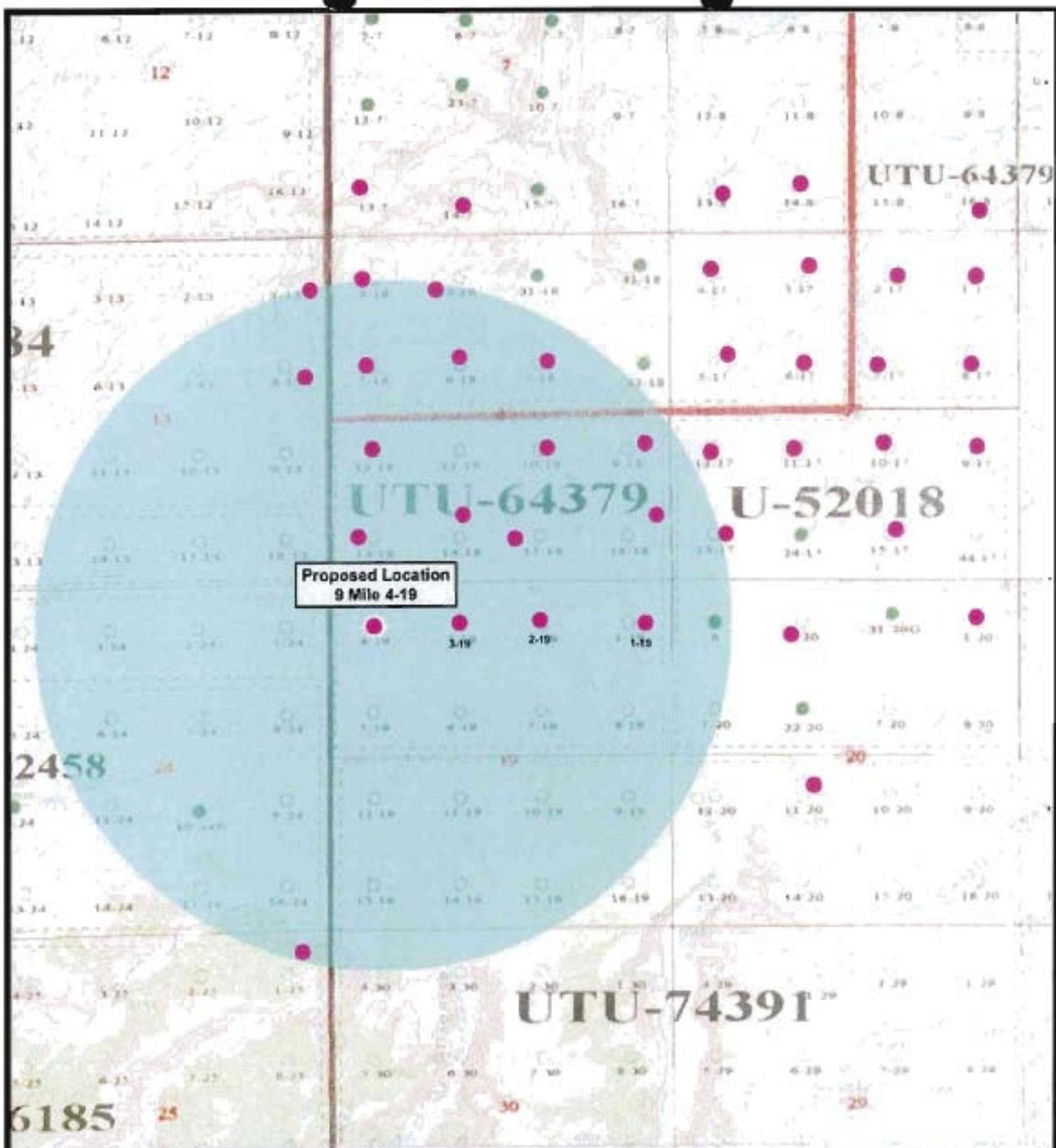
ADDITIONAL TOPICS COVERED: Roads

----- Proposed Gas Line




TOPOGRAPHIC MAP

"D"





Proposed Location
9 Mile 4-19

 <p>NEWFIELD Exploration Company</p>		 <p>Tri-State Land Surveying Inc. (435) 781-2501 180 North Verand Ave. Vernal, Utah 84058</p>	<p>Legend</p> <ul style="list-style-type: none"> Well Locations One-Mile Radius
<p>9 Mile 4-19-9-16 SEC. 19, T9S, R16E, S.L.B.&M.</p>		<p>SCALE: 1" = 2,000' DRAWN BY: mw DATE: 01-18-2006</p>	<p>Exhibit "B"</p>

2-M SYSTEM

Blowout Prevention Equipment Systems

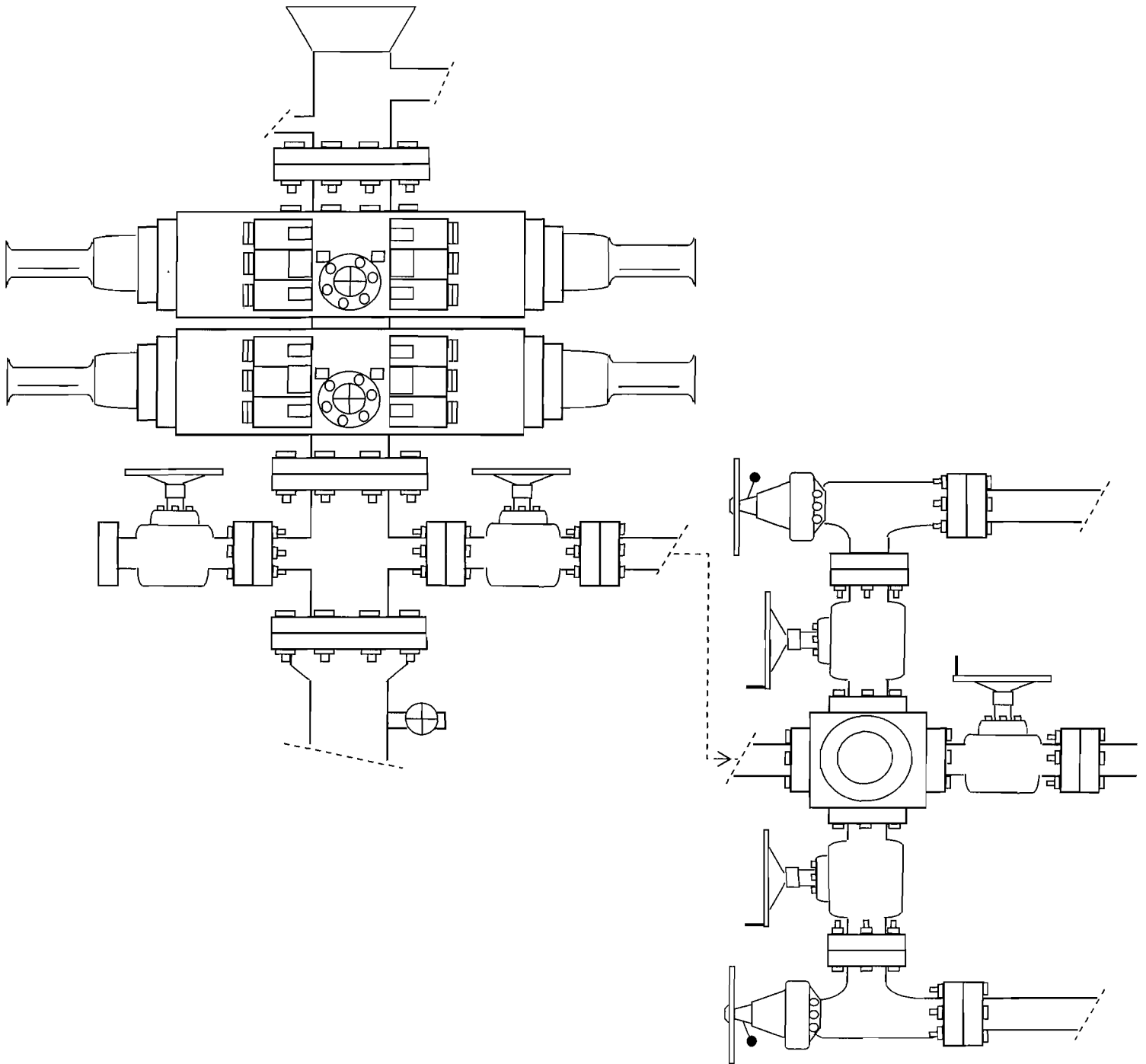


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 19 AND 20,
DUCHESNE COUNTY, UTAH

By:

Shari Maria Silverman

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-225

July 13, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0668b

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 8, T 9 S, R 16 E [SW 1/4 & SE 1/4, NE 1/4; and SE 1/4]; Section 17, T 9 S, R 16 E [NE 1/4; NE 1/4, NW 1/4 & SW 1/4, SE 1/4; NE 1/4, NW 1/4, & SW 1/4, SW 1/4]; Section 19, T 9 S, R 16 E [entire section]; Section 20, T 9 S, R 16 E [excluding NW 1/4, NE 1/4; and NW 1/4 & SE 1/4, NW 1/4]; Section 21, T 9 S, R 16 E [excluding NE 1/4 & NW 1/4, NE 1/4]

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/21/2006

API NO. ASSIGNED: 43-013-33065

WELL NAME: FEDERAL 4-19-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWNW 19 090S 160E

SURFACE: 0795 FNL 0507 FWL

BOTTOM: 0795 FNL 0507 FWL

COUNTY: DUCHESNE

LATITUDE: 40.02156 LONGITUDE: -110.1686

UTM SURF EASTINGS: 570948 NORTHINGS: 4430271

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review

Initials

Date

Engineering

Geology

Surface

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-64379

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. MUNICIPAL)

☒ RDCC Review (Y/N)

(Date: _____)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

 R649-2-3.

Unit: _____

☒ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

 R649-3-3. Exception

 Drilling Unit

Board Cause No: _____

Eff Date: _____

Siting: _____

 R649-3-11. Directional Drill

COMMENTS: _____

See Separate file

STIPULATIONS: _____

1. Federal Approval
2. Spacing stip



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

February 23, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 4-19-9-16 Well, 795' FNL, 507' FWL, NW NW, Sec. 19, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33065.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 4-19-9-16
API Number: 43-013-33065
Lease: UTU-64379

Location: NW NW **Sec.** 19 **T.** 9 South **R.** 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-64379

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

FEDERAL 4-19-9-16

9. API Well No.

43-013-33065

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well

☒

Oil
Well

☐

Gas
Well

☐

Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

79S FNL 507 FWL NW/NW Section 19, T9S R16E

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

Permit Extension

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 2/23/06 (expiration 2/23/07).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 02-07-07

By: [Signature]

2-8-07
RM

FEB 06 2007

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

2/2/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33065
Well Name: Federal 4-19-9-16
Location: NW/NW Section 19,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 2/23/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒ *A*

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

2/2/2007
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

FEB 06 2007

400 OIL CASE

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FEB 21 2006

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-64379

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
N/A

8. Lease Name and Well No.
Federal 4-19-9-16

9. API Well No.
43-013-33065

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
NW/NW Sec. 19, T9S R16E

12. County or Parish
Duchesne

13. State
UT

14. Distance in miles and direction from nearest town or post office*
Approximatley 19.5 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 507' f/lse, NA' f/unit

16. No. of Acres in lease
1626.36

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.
Approx. 1391'

19. Proposed Depth
6010'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
6147' GL

22. Approximate date work will start*
2nd Quarter 2006

23. Estimated duration
Approximately seven (7) days from start to completion.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 2/17/06

Title Regulatory Specialist

Approved by (Signature) *Jerry Kewerka* Name (Printed/Typed) JERRY KEWERKA Date 2-16-2007

Title Assistant Field Manager
Lands & Mineral Resources

Office VERNAL FIELD OFFICE

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

FEB 26 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

No NOS

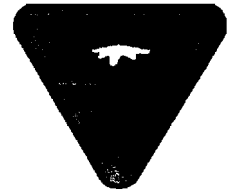
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07BM4675A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company **Location:** NWNW, Sec 19, T9S, R16E
Well No: Federal 4-19-9-16 **Lease No:** UTU-64379
API No: 43-013-33065 **Agreement:** N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Chuck Macdonald	Office: 435-781-4441	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
Natural Resource Specialist:	Verlyn Pindell	Office: 435-781-3402	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | |
|---|--|
| Location Construction
(Notify Chuck Macdonald) | - Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Chuck Macdonald) | - Prior to moving on the drilling rig. |
| Spud Notice
(Notify Petroleum Engineer) | - Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing
(Notify Jamie Sparger) | - Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger) | - Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify Petroleum Engineer) | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

LEASE STIPULATIONS AND NOTICES

- Lands in this lease have been identified as containing Golden Eagle habitat. Modifications to the Surface Use Plan of Operations may be required in order to protect the Golden eagle and/or habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Lands in this lease have been identified as containing Ferruginous Hawk habitat. Modifications to the Surface Use Plan of Operations may be required in order to protect the Golden eagle and/or habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- There is a Golden eagle nest located 0.33 miles W of the proposed location. No construction or drilling shall occur from February 1 through July 15.
- No surface use is allowed March 1 through June 30 due to sage grouse nesting areas. This stipulation will not apply if sage grouse are not present or if impacts could be mitigated. If it is anticipated that construction and drilling will occur within the timing limitation for sage grouse, a BLM biologist must be contacted 2 weeks prior to the construction start date so surveys can be initiated.

CONDITIONS OF APPROVAL

- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.

- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:

Crested Wheatgrass (<i>Agropyron cristatum</i>)	4 lbs/acre
Needle and Thread Grass (<i>Stipa comata</i>)	4 lbs/acre
Indian Ricegrass (<i>Oryzopsis hymenoides</i>)	4 lbs/acre

 - All pounds are in pure live seed.
 - Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Olive Black.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A variance is granted for O.O. #2 III. E. 1.
 - a. The blooie line shall be straight or have targeted tees for bends in the line.
 - b. Not requiring an automatic igniter or continuous pilot on the blooie line.
2. Run a cement bond log from TD to the base of the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

Cement baskets shall not be run on surface casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
7. The lessee/operator must report encounters of all non oil and gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys,

sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

- f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
- 15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 4-19-9-16

Api No: 43-013-33065 Lease Type: FEDERAL

Section 19 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILING RIG # 21

SPUDDED:

Date 09/20/07

Time 5:00 PM

How DRY

Drilling will Commence: _____

Reported by DON BASTIAN

Telephone # (435) 823-6012

Date 09/24/07 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

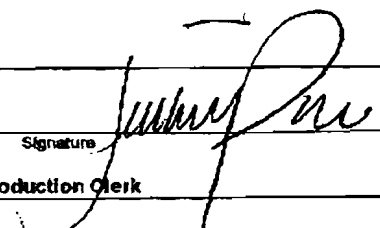
OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTOM, UT 84062

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	16401	4301333000	FEDERAL 14-18-9-16	SESW	18	9S	16E	DUCHESNE	9/17/2007	10/17/07
WELL 1 COMMENTS: GRRV											
A	99999	16402	4301333702	HANCOCK 6-20-4-1	SENW	20	4S	1W	DUCHESNE	9/22/2007	10/17/07
GRRV											
A	99999	16403	4301333065	FEDERAL 4-19-9-16	NWNW	19	9S	16E	DUCHESNE	9/21/2007	10/17/07
GRRV											
B	99999	12417	4301333286	LONE TREE FED 9-21-9-17	NESE	21	9S	17E	DUCHESNE	9/25/2007	10/17/07
GRRV											
A	99999	16404	4301333158	FEDERAL 7-19-9-16	SWNE	19	9S	16E	DUCHESNE	9/25/2007	10/17/07
WELL 5 COMMENTS: GRRV											
B	99999	14844	4304735848	FEDERAL 6-1-9-17	SENW	1	9S	17E	UINTAH	9/26/2007	10/17/07
WELL 5 COMMENTS: GRRV											

ACTION CODES (See instructions on back of form)
A - 1 new entity for new well (single well only)
B - 1 well to existing entity (group or unit well)
C - from one existing entity to another existing entity
D - well from one existing entity to a new entity
E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Signature:  Jentri Park
Production Clerk
Date: 09/27/07

DIV. OF OIL, GAS & MINING

SEP 27 2007

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

USA UTU-64379

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 4-19-9-16

9. API Well No.

4301333065

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 9/21/07 MIRU Ross # 24. Spud well @ 5:30 pm. Drill 315' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 318.43'KB. On 9/27/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Jim Smith

Signature

Title

Drilling Foreman

Date

09/28/2007

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

OCT 02 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 318.43

LAST CASING 8 5/8" set @ 318.43'kb
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 315' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Federal 4-19-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross Rig #24

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 38.99'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	312.36
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			308.43
TOTAL LENGTH OF STRING		308.43	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			318.43
TOTAL		306.58	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		306.58	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		Spud	9/21/2007	5:00 PM	GOOD CIRC THRU JOB <u>Yes</u>		
CSG. IN HOLE			9/24/2007	12:00 PM	Bbls CMT CIRC TO SURFACE <u>5</u>		
BEGIN CIRC			9/27/2007	5:11 PM	RECIPROCATED PIPE FOR <u>N/A</u>		
BEGIN PUMP CMT			9/27/2007	5:23 PM			
BEGIN DSPL. CMT			9/27/2007	5:34 PM	BUMPED PLUG TO <u>466</u> PSI		
PLUG DOWN			9/27/2007	5:44 PM			
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Jim Smith DATE 9/28/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

5. Lease Serial No.

USA UTU-74391

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

452 FSL 2250 FWL 795 Fm1 507 Fw1

SESW Section 19 T9S R16E

8. Well Name and No.

FEDERAL 11-19-16 4-19-9-16

9. API Well No.

4301333161 43-013-33065

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/2/07 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5950'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 154 jt's of 5.5 J-55, 15.5# csgn. Set @ 5953.56' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 10 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig @ 6:00 AM on 10/9/07.

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Jim Smith

Signature

Title

Drilling Foreman

Date

10/10/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

OCT 15 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5953.56

Flt clr @ 5915.26

LAST CASING 8 5/8" Set @ 318.43

OPERATOR Newfield F

DATUM 12' KB

WELL Federal 4-19-9-16

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI # 1

TD DRILLER 5950' Loggers

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 4047' / 6.00'					
153	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5901.91
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	38.4
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5955.56
TOTAL LENGTH OF STRING		5955.56	154	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		235.53	6	CASING SET DEPTH			5953.56
TOTAL		6175.84	160	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6175.84	160				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		10/8/2007	7:00 PM	GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		10/8/2007	9:30 PM	Bbls CMT CIRC TO SURFACE <u>10</u>			
BEGIN CIRC		10/8/2007	10:00 PM	RECIPROCATED PIPE FOR <u>THRUSTROKE NA</u>			
BEGIN PUMP CMT		10/9/2007	12:12 AM	DID BACK PRES. VALVE HOLD ? <u>YES</u>			
BEGIN DSPL. CMT		10/9/2007	1:07 AM	BUMPED PLUG TO <u>2200</u> PSI			
PLUG DOWN		10/9/2007	1:37 AM				

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	300	Premlite II w/ 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		

COMPANY REPRESENTATIVE Jim Smith DATE 10/9/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

795 FNL 507 FWL

NWNW Section 19 T9S R16E

5. Lease Serial No.

USA UTU-64379

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 4-19-9-16

9. API Well No.

4301333065

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

11/01/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

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States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

NOV 05 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-64379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:

FEDERAL 4-19-9-16

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301333065

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 795 FNL 507 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNW, 19, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 11/15/2007			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 10/30/07. attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 11/15/2007

(This space for State use only)

RECEIVED

NOV 16 2007

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 4-19-9-16

8/1/2007 To 12/30/2007

10/23/2007 Day: 1**Completion**

Rigless on 10/22/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5864' & cement top @ 113'. Perforate stage #1. A3 sds @ 5035- 40', A1 sds @ 5006-15' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 56 shots. 140 BWTR. SIFN.

10/25/2007 Day: 2**Completion**

Rigless on 10/24/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac A1 & A3 sds, stage #1 down casing w/ 59,956#'s of 20/40 sand in 510 bbl of Lightning 17 frac fluid. Perfs broke down @ 2100 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2310 @ ave rate of 27.4 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2530. 650 bbls EWTR. Leave pressure on well. RU Perforators LLC, WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford (6K) composite flow through frac plug & 8', 4' perf guns. Set plug @ 4750'. Perforate D2 sds @ 4644-52', D1 sds @ 617-21' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°) w/ 4 spf for total of 38 shots. RU BJ & frac stage #2 w/ 60,019#'s of 20/40 sand in 499 bbl of Lightning 17 frac fluid. Perfs broke down @ 4057 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 1873 @ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2145. 1149 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 7', 6' perf guns. Set plug @ 4500'. Perforate PB11 sds @ 4397-4404', PB10 sds @ 4332-38' w/ 4 spf for total of 52 shots. RU BJ & frac stage #3 w/ 38,622#'s of 20/40 sand in 415 bbl of Lightning 17 frac fluid. Open well w/ 1615 psi on casing. Perfs broke down @ 2396 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2107 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. ISIP was 2145. 1546 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 3 hours & died w/ 240 bbls rec'd. SIFN.

10/30/2007 Day: 3**Completion**

Western #4 on 10/29/2007 - MIRU Western #4. Bleed pressure off well. Rec est 30 BTF & still flowing small amount of oil & gas. RU & bullhead 45 BW--barely flowing. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "Chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag plug @ 4500'. Tbg displaced & well flowed approx. 25 BTF on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): no sd, plug @ 4500' in 15 minutes; no sd, plug @ 4750' in 20 minutes. Hang back swivel & con't PU tbg. Tag fill @ 5766'. Drill plug remains & sd to PBTD @ 5904' (lack 10' f/ est FC depth of 5914'). Circ hole clean. Gained add'l 40 BTF during cleanout. RD swivel. Pull EOT to 5841'. RU swab equipment. IFL @ sfc. Made 8 swb runs rec 75 BTF W/ light gas, tr oil & sm tr sd. FFL @ 1200'. SIFN W/ est 1181 BWTR.

10/31/2007 Day: 4**Completion**

Western #4 on 10/30/2007 - Bleed gas off well. Resume swabbing for sd cleanup. IFL @ 700'. Made 6 runs rec 50 BTF W/ light gas, tr oil & no sd all day. FFL @ 1600'.

TIH W/ tbg f/ 5841'. Tag @ 5904' (no new fill). Circ hole W/ clean wtr. Lost est 40 BW & rec tr oil. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 2 jts tbg, new CDI 5 1/2" TA (45K) & 160 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 4974' W/ SN @ 5039' & EOT @ 5104'. Land tbg W/ 16,000# tension. NU wellhead. Flush tbg W/ 60 BW (returned same). PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 20' RHAC pump, 6-1 1/2" weight rods, 17-3/4" scraped rods, 75-3/4" plain rods, 102-3/4" scraped rods, 1-3/4" plain rod, 1-6' & 1-2' X 3/4" pony rods and 1 1/2" X 26' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1171 BWTR. Placed well on production @ 6:30 PM 10/30/2007 W/ 102" SL @ 4.5 SPM. FINAL REPORT!!

Pertinent Files: Go to File List

RECEIVED

NOV 16 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface T9S fm 507 fwj
At top prod. Interval reported below

At total depth

14. API NO. 43-013-33065 DATE ISSUED 2/23/07

15. DATE SPUDDED

9/21/07

16. DATE T.D. REACHED

10/08/07

17. DATE COMPL. (Ready to prod.)

10/30/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6147' GL 6159' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5950'

21. PLUG BACK T.D., MD & TVD

5914'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4432'-5015'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	318.43	12 1/4	surface w/ 160 sx class "G" cement	
5.5 7-7/8" J-55	15.5#	5953.56	7 7/8	300 sx primlite II & 400 sx 50/50 poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @	TA @
						5103.70'	4974.74

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
A1 & A3 sds 5006-5015, 5035-5040'	.41"	4/56	5006'-5040'	frac w/ 59.956#s 20/40 sand in 510 bbls of fluid
D1 & D2 sds 4644-4652, 4617'-4692'	.41"	4/48	4617'-4652'	frac w/ 60,019 #s 20/40 in 499 bbls of fluid
B11 & PB 10 sds 4397"-4404", 4332-4438'	.41"	4/52	4332'-4404'	frac w/ 38,662#s 20/40 in 415 bbls of fluid

32. PRODUCTION

DATE FIRST PRODUCTION 10/30/07		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 45.5	GAS--MCF. 38.7	WATER--BBL. 85		GAS-OIL RATIO 850.55
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.	WATER--BBL.		OIL GRAVITY API CORRECTED RECEIVED	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY DEC 17 2007

35. LIST OF ATTACHMENTS

DIV. OF OIL, GAS & MINING

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Tammi Lee

TITLE Production Technician

DATE 11/26/07

TL

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 4-19-9-16	Garden Gulch Mkr	3598'	
				Garden Gulch 1	3805'	
				Garden Gulch 2	3910'	
				Point 3 Mkr	4159'	
				X Mkr	4426'	
				Y-Mkr	4460'	
				Douglas Creek Mkr	4568'	
				BiCarbonate Mkr	4799'	
				B Limestone Mkr	4918'	
				Castle Peak	5458'	
				Basal Carbonate	5896'	
				Total Depth (LOGGERS)	5950'	

NEWFIELD



Well Name: Federal 4-19-9-16
 LOCATION: S19, T9S, R16E
 COUNTY/STATE: Duchesne
 API: 43-013-33065

Spud Date: 9-21-07
 TD: 5950'
 CSG: 10-8-07
 POP: 10-30-07

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
10/30/2007				1171				POP @ 6:30 P.M. w/ 102" SL @ 4.5 SPM. 1171 Total water to recover.
10/31/2007	14	103	103	1068	0	70	5 1/2	103 bbls Oil transferred from the flat tank to T1
11/1/2007	24	28	86	982	11	42	5 1/2	
11/2/2007	24	38	86	896	21	40	5 1/2	
11/3/2007	24	57	80	816	27	44	5 1/2	
11/4/2007	24	47	65	751	31	43	5 1/2	
11/5/2007	24	20	107	644	32	46	5 1/2	Drained 20 bbls from T1 to T3
11/6/2007	24	50	72	572	15	30	5 1/2	
11/7/2007	24	93	95	477	33	45	5 1/2	
11/8/2007	24	43	70	407	32	68	5 1/2	
11/9/2007	24	48	24	383	25	48	5 1/2	
11/10/2007	24	50	75	308	33	50	5 1/2	
11/11/2007	24	55	83	225	31	50	5 1/2	
11/12/2007	24	26	80	145	27	50	5 1/2	
11/13/2007	24	46	75	70	33	48	5 1/2	
11/14/2007	24	45	89	-19	33	45	5 1/2	
11/15/2007	24	51	83	-102	27	40	5 1/2	
11/16/2007	24	30	70	-172	32	50	5 1/2	
11/17/2007	24	47	95	-267	28	47	5 1/2	
11/18/2007	24	38	72	-339	26	45	5 1/2	
11/19/2007	24	32	45	-384	87	46	5 1/2	
11/20/2007	24	35	83	-467	30	44	5 1/2	
11/21/2007	24	48	76	-543	25	44	5 1/2	
11/22/2007	24	35	80	-623	25	45	5 1/2	
11/23/2007	24	41	80	-703	23	70	5 1/2	
11/24/2007	24	45	91	-794	23	78	5 1/2	
11/25/2007	24	43	81	-875	26	55	5 1/2	
11/26/2007	24	59	66	-941	26	43	5 1/2	
11/27/2007				-941				
11/28/2007				-941				
11/29/2007				-941				
11/30/2007				-941				
		1253	2112		762			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 4-19-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0795 FNL 0507 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 19 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013330650000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/1/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 09/26/2013. On 09/30/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/01/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was a State representative available to witness the test - Chris Jensen.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 07, 2013		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/7/2013	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness:

Chris Jensen

Date 10/11/13

Time 9:20

am pm

Test Conducted by:

Jenny Daniels

Others Present: _____

Well: Federal 4-19-9-16

Field: Monument Butte

Well Location: NW/NE Sec. 19, T4S, R10E
Duchesne County, Utah

API No: 4301333065

Time

Casing Pressure

0 min	<u>1325</u>	psig
5	<u>1325</u>	psig
10	<u>1325</u>	psig
15	<u>1325</u>	psig
20	<u>1325</u>	psig
25	<u>1325</u>	psig
30 min	<u>1325</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 250 psig

Result:

Pass

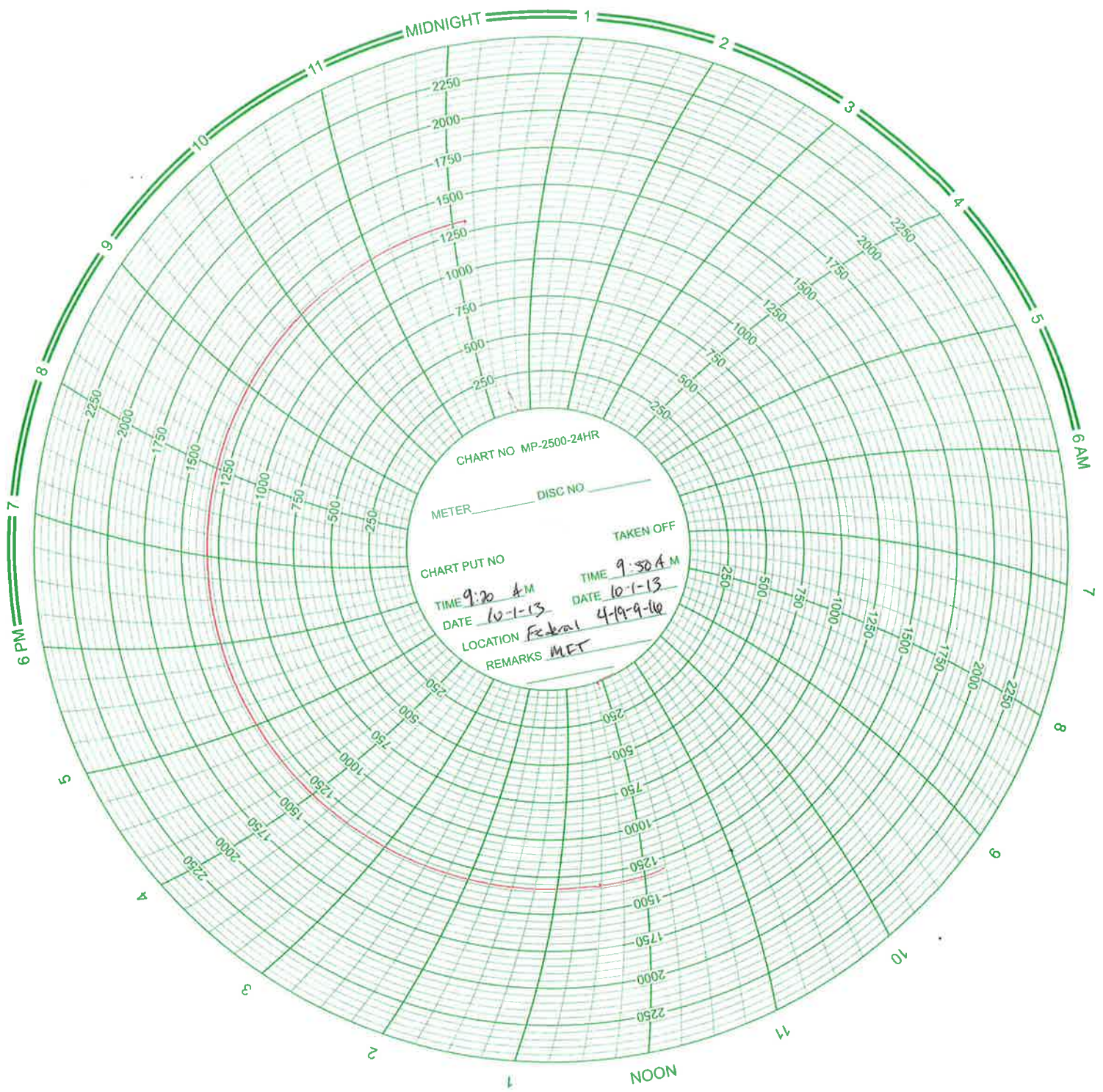
Fail

Signature of Witness:

Chris Jensen

Signature of Person Conducting Test:

Jenny Daniels



Daily Activity Report

Format For Sundry

FEDERAL 4-19-9-16

7/1/2013 To 11/30/2013

9/26/2013 Day: 1

Conversion

Wild Cat #2 on 9/26/2013 - UNSEATED PUMP FLUSHED 40 BBLS @250DEG SOFT SEATED PUMP PT TBG TO 3K PSI GOOD TEST LD 1-1 1/2"X26' POLISH ROD, 1-3/4"X4' PONY ROD, 1-3/4"X2' PONY ROD, 99-3/4" 4-PER GUIDED RODS, 36-3/4" SLICK - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 9:00AM TRAVEL TO LOCATION 9:00AM TO 10:00AM RU RIG RD PU FLUSHED 60 BBLS @250DEG 10:00AM TO 3:00PM UNSEATED PUMP FLUSHED 40 BBLS @250DEG SOFT SEATED PUMP PT TBG TO 3K PSI GOOD TEST LD 1-1 1/2"X26' POLISH ROD, 1-3/4"X4' PONY ROD, 1-3/4"X2' PONY ROD, 99-3/4" 4-PER GUIDED RODS, 36-3/4" SLICK SUCKER RODS, 59-3/4" 4-PER GUIDED RODS, 6-1 1/2" C (API) WT BARS,1-PUMP 3:00PM TO 4:00PM XO TBG TOOLS ND WH NU BOPS RELEASED TAC RD RIG FLOOR 4:00PM TO 7:00PM TOOH 80 JTS TBG BREAKING AND RE-DOPING W/ LIQUID O-RING GREEN DOPE SIWFN 7:00PM TO 8:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 9:00AM TRAVEL TO LOCATION 9:00AM TO 10:00AM RU RIG RD PU FLUSHED 60 BBLS @250DEG 10:00AM TO 3:00PM UNSEATED PUMP FLUSHED 40 BBLS @250DEG SOFT SEATED PUMP PT TBG TO 3K PSI GOOD TEST LD 1-1 1/2"X26' POLISH ROD, 1-3/4"X4' PONY ROD, 1-3/4"X2' PONY ROD, 99-3/4" 4-PER GUIDED RODS, 36-3/4" SLICK SUCKER RODS, 59-3/4" 4-PER GUIDED RODS, 6-1 1/2" C (API) WT BARS,1-PUMP 3:00PM TO 4:00PM XO TBG TOOLS ND WH NU BOPS RELEASED TAC RD RIG FLOOR 4:00PM TO 7:00PM TOOH 80 JTS TBG BREAKING AND RE-DOPING W/ LIQUID O-RING GREEN DOPE SIWFN 7:00PM TO 8:30PM CREW TRAVEL

Daily Cost: \$0

Cumulative Cost: \$20,260

9/27/2013 Day: 2

Conversion

Wild Cat #2 on 9/27/2013 - RD RIG FLOOR ND BOPS NU INJECTION WH CIRCULATED 50 BBLS PKR FLUID SET PKER W/ 15K# TENSION LOADED HOLE W/ 15 BBLS PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 10:00AM TOOH 58 JTS BREAKING AND RE-DOPING W/ LIQUID O-RIN GREEN DOPE 10:00AM TO 11:00AM LD 27, JTS TBG, 1-TAC, 1-PSN, 1-NC 11:00AM TO 2:00PM TIH INJECTION ASSEMBLY AS DETAILED, 136 JTS TBG 2:00PM TO 3:00PM PUMPED 10 BBL PILLOW DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 3:00PM TO 4:00PM RD RIG FLOOR ND BOPS NU INJECTION WH CIRCULATED 50 BBLS PKR FLUID SET PKER W/ 15K# TENSION LOADED HOLE W/ 15 BBLS PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RD RIG PRE-TRIP INSPECTION - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 10:00AM TOOH 58 JTS BREAKING AND RE-DOPING W/ LIQUID O-RIN GREEN DOPE 10:00AM TO 11:00AM LD 27, JTS TBG, 1-TAC, 1-PSN, 1-NC 11:00AM TO 2:00PM TIH INJECTION ASSEMBLY AS DETAILED, 136 JTS TBG 2:00PM TO 3:00PM PUMPED 10 BBL PILLOW DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 3:00PM TO 4:00PM RD RIG FLOOR ND BOPS NU INJECTION WH CIRCULATED 50 BBLS PKR FLUID SET PKER W/ 15K# TENSION LOADED HOLE W/ 15 BBLS PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RD RIG PRE-TRIP INSPECTION

Daily Cost: \$0

Cumulative Cost: \$26,250

10/2/2013 Day: 3

Conversion

Rigless on 10/2/2013 - Conduct initial MIT - On 09/30/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/01/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 09/30/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/01/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$58,462

Pertinent Files: Go to File List

FEDERAL 4-19-9-16

Spud Date: 09/21/07

Put on Production: 10/16/07

GL: 6147' KB: 6159'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (318.36')

DEPTH LANDED: 318.43' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 1- 160, sxs Class "G" cmt, 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 154 jts. (5940.31')

DEPTH LANDED: 5953.56' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP: 113'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 136 jts (4244')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4254' KB

ON/OFF TOOL AT: 4255.1'

ARROW #1 PACKER CE AT: 4260.3'

XO 2-3/8 x 2-7/8 J-55 AT: 4263.7'

TBG PUP 2-3/8 J-55 AT: 4264.2'

X/N NIPPLE AT: 4268.3'

TOTAL STRING LENGTH: EOT @ 4270.07'

FRAC JOB

10/24/07 5006-5040'

Frac A1 & A3 sands as follows:

59956# 20/40 sand in 510 bbls Lightning 17 frac fluid. Treated @ avg press of 2310 psi w/avg rate of 27.4 BPM. ISIP 2530 psi. Calc flush: 5004 gal. Actual flush: 4494 gal.

10/24/07 4617-4652'

Frac D1 & D2 sands as follows:

60019# 20/40 sand in 499 bbl Lightning 17 frac fluid. Treated @ avg press of 1873 psi w/avg rate of 24.8 BPM. ISIP 2145 psi. Calc flush: 4615 gal. Actual flush: 4116 gal.

10/24/07 4332-4404'

Frac PB10 & PB11 sands as follows:

38622# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2107 psi w/avg rate of 24.8 BPM. ISIP 2145 psi. Calc flush: 4330 gal. Actual flush: 4200 gal.

6/11/08

Stuck pump. Updated tubing and rod detail

6/18/09

Tubing Leak. Updated rod & tubing details.

10-6-10

Parted Rods. Update rod and tubing details.

09/26/13

Convert to Injection Well

10/01/13

Conversion MIT Finalized - update tbg detail

SN @ 4254'

On Off Tool @ 4255'

Packer @ 4260'

X/N Nipple @ 4268'

EOT @ 4270'

4332-4338'

4397-4404'

4617-4621'

4644-4652'

5006-5015'

5035-5040'

PBTD @ 5914'

TD @ 5950'

PERFORATION RECORD

5035-5040'	4 JSPF	20 holes
5006-5015'	4 JSPF	36 holes
4644-4652'	4 JSPF	32 holes
4617-4621'	4 JSPF	16 holes
4397-4404'	4 JSPF	28 holes
4332-4338'	4 JSPF	24 holes

NEWFIELD

FEDERAL 4-19-9-16

795'FNL & 507' FWL

NW/NW Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33065; Lease # UTU-64379

LCN 10/02/13

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 4-19-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0795 FNL 0507 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 19 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013330650000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/24/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> The above reference well was put on injection at 3:20 PM on 10/24/2013 </div> <div style="width: 35%; text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 29, 2013 </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/28/2013	

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

April 11, 2013

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Federal #4-19-9-16
Monument Butte Field, Lease #UTU-64379
Section 19-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #4-19-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg
Environmental Manager

RECEIVED

APR 12 2013

DIV OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #4-19-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
APRIL 11, 2013


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ATTACHMENT E-5	WELLBORE DIAGRAM – FEDERAL #3-19-9-16
ATTACHMENT E-6	WELLBORE DIAGRAM – FEDERAL #5-19-9-16
ATTACHMENT E-7	WELLBORE DIAGRAM – FEDERAL #6-19-9-16
ATTACHMENT E-8	WELLBORE DIAGRAM – FEDERAL #7-19-9-16
ATTACHMENT E-9	WELLBORE DIAGRAM – FEDERAL #12-19-9-16
ATTACHMENT E-10	WELLBORE DIAGRAM – ASHLEY FEDERAL #8-24-9-15
ATTACHMENT E-11	WELLBORE DIAGRAM – ASHLEY FEDERAL #2-24-9-15
ATTACHMENT E-12	WELLBORE DIAGRAM – ASHLEY FEDERAL #1-24-9-15
ATTACHMENT E-13	WELLBORE DIAGRAM – ASHLEY FEDERAL #16-13-9-15
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 10/23/07 – 10/31/07
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: <u>Federal #4-19-9-16</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-64379</u>
Well Location: QQ <u>NWNW</u> section <u>19</u> township <u>9S</u> range <u>16E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? Yes [X] No []	
Will the proposed well be used for:	Enhanced Recovery? Yes [X] No []
	Disposal? Yes [] No [X]
	Storage? Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]	
If this application is for an existing well, has a casing test been performed on the well? Yes [] No [X]	
Date of test: _____	
API number: <u>43-013-33065</u>	
Proposed injection interval: from <u>3909</u> to <u>5914</u> Proposed maximum injection: rate <u>500 bpd</u> pressure <u>2115</u> psig Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Eric Sundberg</u>	Signature <u></u>
Title: <u>Environmental Manager</u>	Date: <u>4/11/13</u>
Phone No. <u>(303) 893-0102</u>	
(State use only) Application approved by _____ Title _____ Approval Date _____	
Comments:	

FEDERAL 4-19-9-16

Spud Date: 09/21/07
Put on Production: 10/16/07
GL: 6147' KB: 6159'

Initial Production: BOPD,
MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (318.36')
DEPTH LANDED: 318.43' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 154 jts. (5940.31')
DEPTH LANDED: 5953.56' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 113'

TUBING

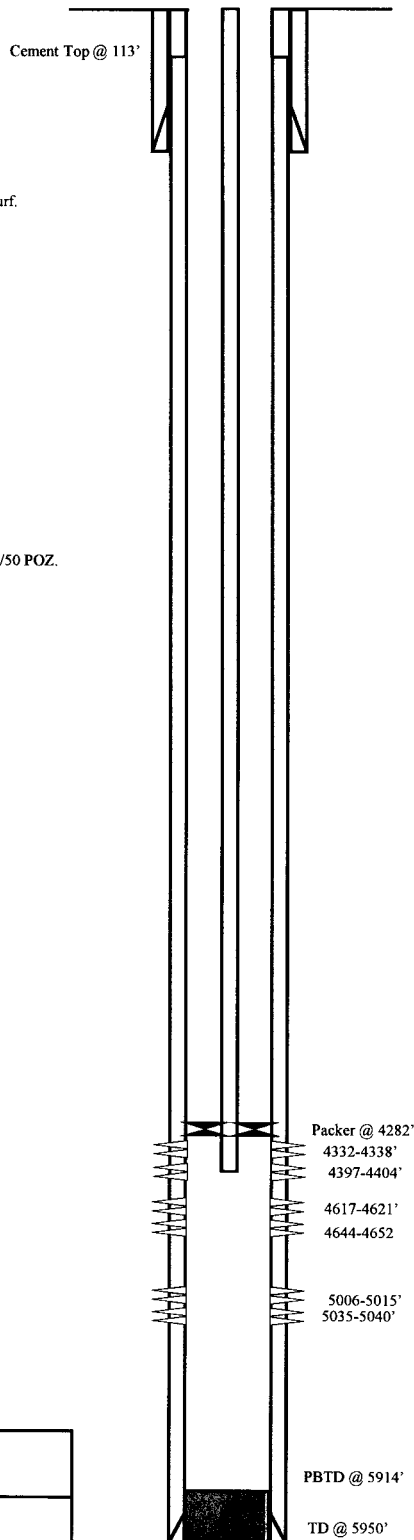
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 160 jts (4960.45')
TUBING ANCHOR: 4974' KB
NO. OF JOINTS: 2 jts (61.80')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5039' KB
NO. OF JOINTS: 2 jts (63.1')
TOTAL STRING LENGTH: EOT @ 5104' KB


FRAC JOB

10/24/07	5006-5040'	Frac A1 & A3 sands as follows: 59956# 20/40 sand in 510 bbls Lightning 17 frac fluid. Treated @ avg press of 2310 psi w/avg rate of 27.4 BPM. ISIP 2530 psi. Calc flush: 5004 gal. Actual flush: 4494 gal.
10/24/07	4617-4652'	Frac D1 & D2 sands as follows: 60019# 20/40 sand in 499 bbl Lightning 17 frac fluid. Treated @ avg press of 1873 psi w/avg rate of 24.8 BPM. ISIP 2145 psi. Calc flush: 4615 gal. Actual flush: 4116 gal.
10/24/07	4332-4404'	Frac PB10 & PB11 sands as follows: 38622# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2107 psi w/avg rate of 24.8 BPM. ISIP 2145 psi. Calc flush: 4330 gal. Actual flush: 4200 gal.
6/11/08		Stuck pump. Updated tubing and rod detail
6/18/09		Tubing Leak. Updated rod & tubing details.
10-6-2010		Parted Rods. Update rod and tubing details.

PERFORATION RECORD

5035-5040'	4 JSPF	20 holes
5006-5015'	4 JSPF	36 holes
4644-4652'	4 JSPF	32 holes
4617-4621'	4 JSPF	16 holes
4397-4404'	4 JSPF	28 holes
4332-4338'	4 JSPF	24 holes




FEDERAL 4-19-9-16 795'FNL & 507' FWL NW/NW Section 19-T9S-R16E Duchesne Co, Utah API #43-013-33065; Lease # UTU-64379

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #4-19-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #4-19-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3909' - 5914'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3576' and the TD is at 5950'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #4-19-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-64379) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refilled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 318' KB, and 5-1/2", 15.5# casing run from surface to 5954' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2115 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Federal #4-19-9-16, for existing perforations (4332' - 5040') calculates at 0.90 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2115 psig. We may add additional perforations between 3576' and 5950'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Federal #4-19-9-16, the proposed injection zone (3909' - 5914') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-13.

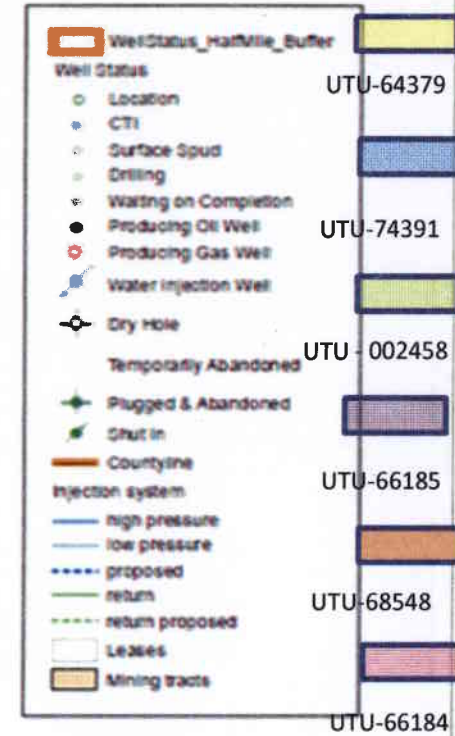
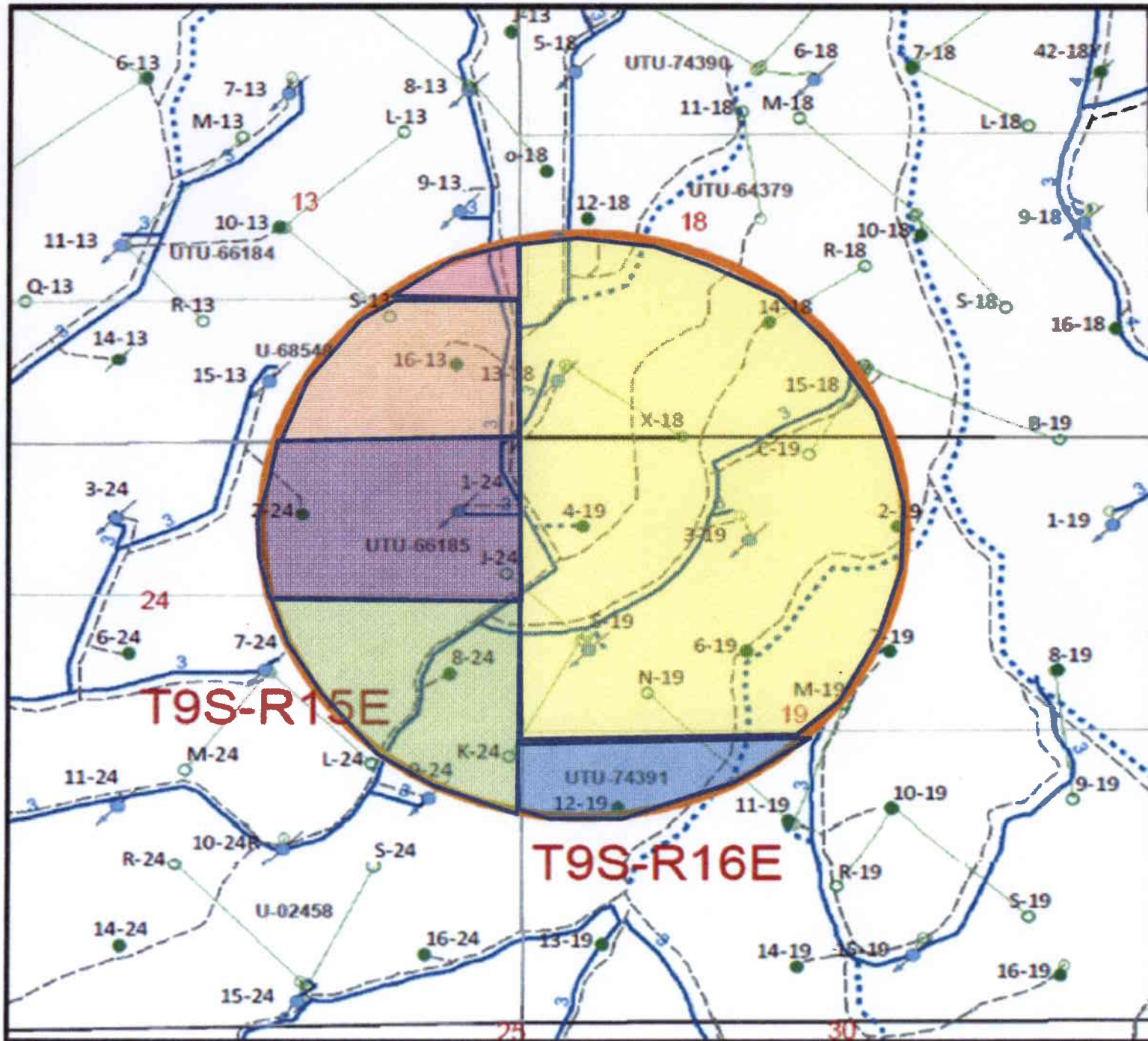
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**


See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



Federal 4-19
Section 19, T9S-R16E



NEWFIELD
ROCKY MOUNTAINS

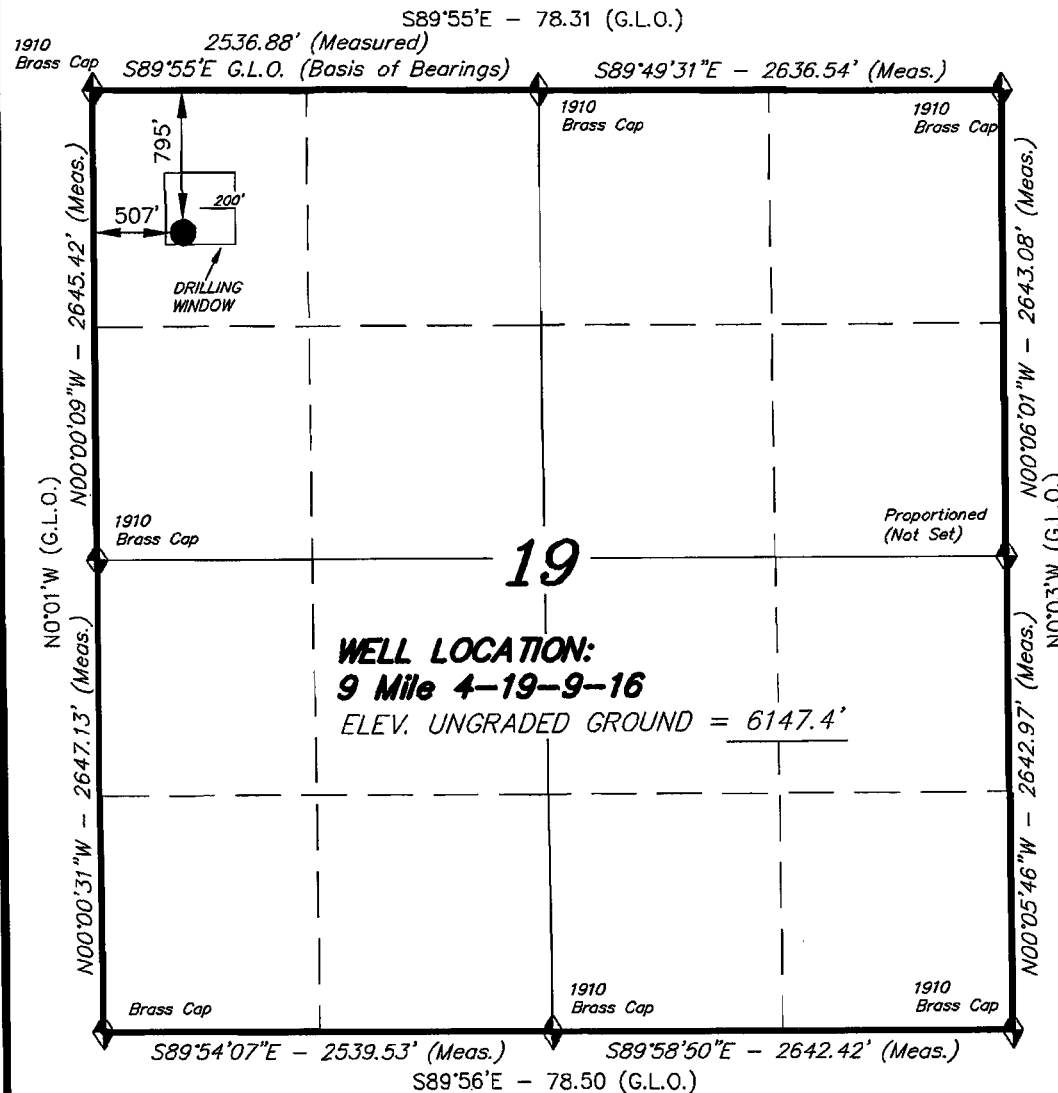
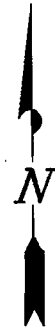
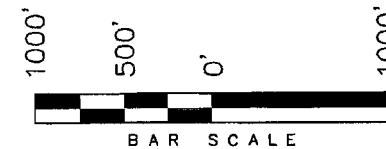
1/2 Mile Radius Map
Duchesne & Uintah Counties

March 27, 2013

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 Mile 4-19-9-16,
LOCATED AS SHOWN IN THE NW 1/4 NW
1/4 OF SECTION 19, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 Mile 4-19-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 17.73"
LONGITUDE = 110° 10' 09.63"

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 2227
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED:
1-5-06

SURVEYED BY: C.M.

DATE DRAWN:
01-11-05

DRAWN BY: L.C.S.

REVISED:

SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3,4 Section 19: NE, E2NW, LOTS 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
2	T9S-R16E SLM Section 19: E2SW, SE, LOTS 3, 4 Section 20: S2 Section 29: All Section 30: All	USA UTU-74391 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
3	T9S-R15E SLM Section 23: SENE, W2SW, NESE Section 24: S2N2, S2	USA UTU-002458 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R15E SLM Section 22: E2SW, LOTS 2, 3, 4 Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: All Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, LOTS 1, 2	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA

3	T9S-R15E SLM Section 13: S2S2 Section 14: S2S2 Section 15: NE, E2NW, LOT 4 Section 22: NE, E2NW, LOT 1 Section 23: N2NW	USA UTU-68548 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R15E SLM Section 13: N2, N2S2 Section 14: N2, N2S2 Section 15: E2, Lots 1-3	USA UTU-66184 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #4-19-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____

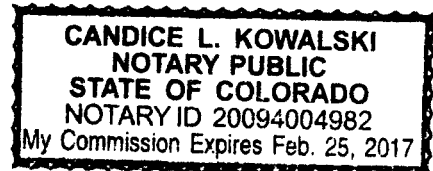
Newfield Production Company
Eric Sundberg
Environmental Manager

Sworn to and subscribed before me this 11th day of April, 2013.

Notary Public in and for the State of Colorado: _____

Candice L. Kowalski

My Commission Expires: My Commission Expires Feb. 25, 2017



FEDERAL 4-19-9-16

Spud Date: 09/21/07
 Put on Production: 10/16/07
 GL: 6147' KB: 6159'

Wellbore Diagram

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (318.36')
 DEPTH LANDED: 318.43' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 154 jts. (5940.31')
 DEPTH LANDED: 5953.56' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 113'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 160 jts (4960.45')
 TUBING ANCHOR: 4974' KB
 NO. OF JOINTS: 2 jts (61.80')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5039' KB
 NO. OF JOINTS: 2 jts (63.1')
 TOTAL STRING LENGTH: EOT @ 5104' KB

SUCKER RODS

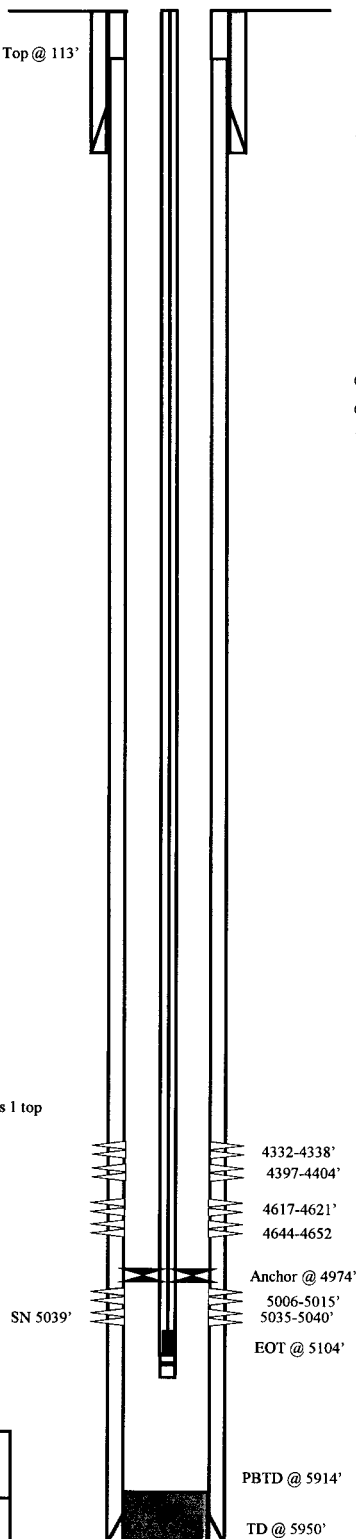
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-4', & 1-2' x 3/4" pony rods, 99-3/4" scraped rods 1 top new, 36-3/4" slick rods, 59-3/4" scraped rods, 6-1 1/2 Wt Bars
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16" x 17" RHAC
 STROKE LENGTH: 102"
 PUMP SPEED, 5 SPM:


FRAC JOB

10/24/07	5006-5040'	Frac A1 & A3 sands as follows: 59956# 20/40 sand in 510 bbls Lightning 17 frac fluid. Treated @ avg press of 2310 psi w/avg rate of 27.4 BPM. ISIP 2530 psi. Calc flush: 5004 gal. Actual flush: 4494 gal.
10/24/07	4617-4652'	Frac D1 & D2 sands as follows: 60019# 20/40 sand in 499 bbl Lightning 17 frac fluid. Treated @ avg press of 1873 psi w/avg rate of 24.8 BPM. ISIP 2145 psi. Calc flush: 4615 gal. Actual flush: 4116 gal.
10/24/07	4332-4404'	Frac PB10 & PB11 sands as follows: 38622# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2107 psi w/avg rate of 24.8 BPM. ISIP 2145 psi. Calc flush: 4330 gal. Actual flush: 4200 gal.
6/11/08		Stuck pump. Updated tubing and rod detail
6/18/09		Tubing Leak. Updated rod & tubing details.
10-6-2010		Parted Rods. Update rod and tubing details.

PERFORATION RECORD

5035-5040'	4 JSPF	20 holes
5006-5015'	4 JSPF	36 holes
4644-4652'	4 JSPF	32 holes
4617-4621'	4 JSPF	16 holes
4397-4404'	4 JSPF	28 holes
4332-4338'	4 JSPF	24 holes



NEWFIELD 
FEDERAL 4-19-9-16 795'FNL & 507' FWL NW/NW Section 19-T9S-R16E Duchesne Co, Utah API #43-013-33065; Lease # UTU-64379

FEDERAL 13-18-9-16

Spud Date: 10/04/07
 Put on Production: 11/02/07
 GL: 6126' KB: 6138'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.56')
 DEPTH LANDED: 323.46' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 154 jts. (5971.92')
 DEPTH LANDED: 5985.17' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 106'

TUBING

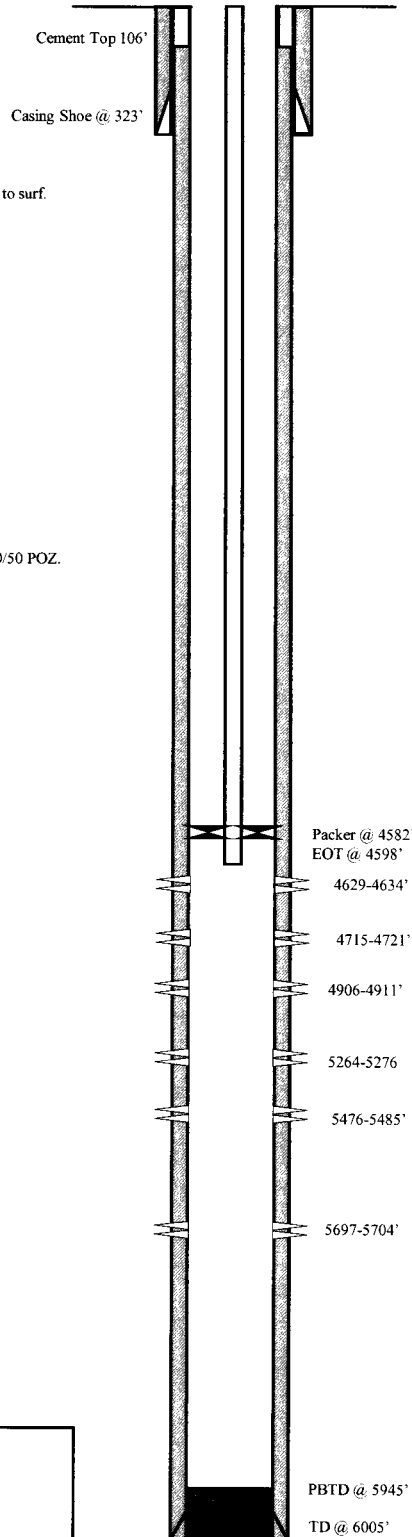
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 148 jts (4577.3')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4589.3' KB
 CE @ 4581.62'
 TOTAL STRING LENGTH: EOT @ 4598' KB

FRAC JOB

10/30/07	5697-5704'	Frac CP3 sands as follows: 14620# 20/40 sand in 297 bbls Lightning 17 frac fluid. Treated @ avg press of 1905 psi w/avg rate of 24.8 BPM. ISIP 1650 psi. Calc flush: 5695 gal. Actual flush: 5191 gal.
10/30/07	5476-5485'	Frac LODC sands as follows: 14860# 20/40 sand in 283 bbl Lightning 17 frac fluid. Treated @ avg press of 2275 psi w/avg rate of 24.8 BPM. ISIP 2160 psi. Calc flush: 5474 gal. Actual flush: 4969 gal.
10/30/07	5264-5276'	Frac LODC sands as follows: 84724# 20/40 sand in 672 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 24.8 BPM. ISIP 2205 psi. Calc flush: 5262 gal. Actual flush: 4759 gal.
10/30/07	4906-4911'	Frac B2 sands as follows: 19569# 20/40 sand in 313 bbls Lightning 17 frac fluid. Treated @ avg press of 2260 psi w/avg rate of 24.8 BPM. ISIP 1845 psi. Calc flush: 4904 gal. Actual flush: 4402 gal.
10/30/07	4715-4721'	Frac D3 sands as follows: 24711# 20/40 sand in 342 bbls Lightning 17 frac fluid. Treated @ avg press of 1960 psi w/avg rate of 24.8 BPM. ISIP 1890 psi. Calc flush: 4713 gal. Actual flush: 4250 gal.
10/30/07	4629-4634'	Frac D1 sands as follows: 17447# 20/40 sand in 270 bbls Lightning 17 frac fluid. Treated @ avg press of 2298 psi w/avg rate of 24.8 BPM. ISIP 2150 psi. Calc flush: 4627 gal. Actual flush: 4536 gal.
12/15/10		Tubing Leak. Rod & tubing updated.
8/29/11		Tubing Leak. Rod & tubing detail updated.
04/11/12		Convert to Injection Well
04/17/12		Conversion MIT Finalized – update tbq detail

PERFORATION RECORD

10/25/07	5697-5704'	4 JSPF	28 holes
10/30/07	5476-5485'	4 JSPF	36 holes
10/30/07	5264-5276'	4 JSPF	48 holes
10/30/07	4906-4911'	4 JSPF	20 holes
10/30/07	4715-4721'	4 JSPF	24 holes
10/30/07	4629-4634'	4 JSPF	20 holes



FEDERAL 13-18-9-16

674'FSL & 364' FWL

SW/SW Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-32999; Lease # UTU-64379

LCN 04/19/12

FEDERAL 14-18-9-16

Spud Date: 09/17/07
Put on Production: 10/26/07
GL: 6117' KB: 6129'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (309.62')
DEPTH LANDED: 321.47' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 155 jts. (5943.54')
DEPTH LANDED: 5956.79' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 114'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 169 jts (5256.4')
TUBING ANCHOR: 5268.4' KB
NO. OF JOINTS: 2 jts (60.80')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5332.0' KB
NO. OF JOINTS: 2 jts (61.60')
TOTAL STRING LENGTH: EOT @ 5396' KB

SUCKER RODS

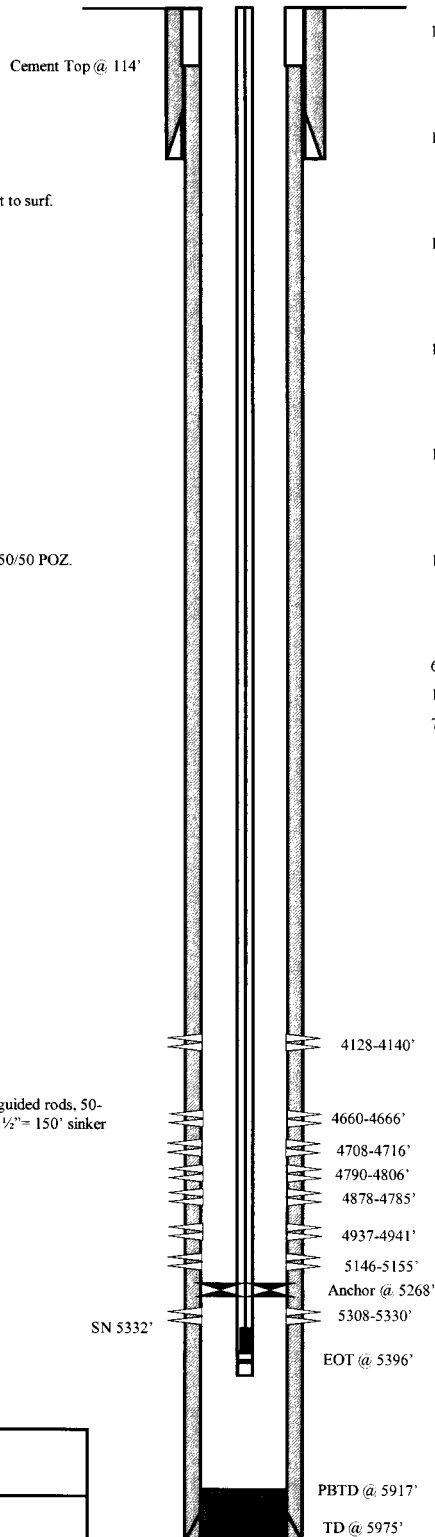
POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1- 2' x 3/4" pony rods, 100-3/4" = 2500' guided rods, 50-3/4" = 1250' guided rods, 56-3/4" = 1400' guided rods, 6-1 1/2" = 150' sinker rods.
PUMP SIZE: CDI 2-1/2" x 1-1/4" x 14' x 18' RHAC
STROKE LENGTH: 102"
PUMP SPEED, 5 SPM:

FRAC JOB

10/17/07	5308-5330'	Frac LODC sands as follows: 100563# 20/40 sand in 746 bbls Lightning 17 frac fluid. Treated @ avg press of 1698 psi w/avg rate of 23 BPM. ISIP 2105 psi. Calc flush: 5306 gal. Actual flush: 4796 gal.
10/17/07	5146-5155'	Frac A3 sands as follows: 60790# 20/40 sand in 549 bbl Lightning 17 frac fluid. Treated @ avg press of 2146 psi w/avg rate of 23 BPM. ISIP 2344 psi. Calc flush: 5144 gal. Actual flush: 2344 gal.
10/17/07	4878-4941'	Frac B2 & B.5 sands as follows: 24732# 20/40 sand in 353 bbls Lightning 17 frac fluid. Treated @ avg press of 2039 psi w/avg rate of 23 BPM. ISIP 1949 psi. Calc flush: 4876 gal. Actual flush: 4389 gal.
10/17/07	4790-4806'	Frac C sands as follows: 95455# 20/40 sand in 728 bbls Lightning 17 frac fluid. Treated @ avg press of 1858 psi w/avg rate of 23 BPM. ISIP 1858 psi. Calc flush: 4788 gal. Actual flush: 4305 gal.
10/17/07	4660-4716'	Frac D1 & D2 sands as follows: 70174# 20/40 sand in 571 bbls Lightning 17 frac fluid. Treated @ avg press of 2111 psi w/avg rate of 23 BPM. ISIP 2427 psi. Calc flush: 4658 gal. Actual flush: 4154 gal.
10/17/07	4128-4140'	Frac GB4 sands as follows: 88281# 20/40 sand in 658 bbls Lightning 17 frac fluid. Treated @ avg press of 1695 psi w/avg rate of 23 BPM. ISIP 1814 psi. Calc flush: 4126 gal. Actual flush: 4032 gal.
6/28/08		Hole in tubing. Rod & tubing updated.
11/07/10		Pump change. Rod & Tubing updated
7/13/2011		Tubing leak. Rod & tubing updated.

PERFORATION RECORD

10/15/07	5308-5330'	4 JSPF	88 holes
10/17/07	5146-5155'	4 JSPF	36 holes
10/17/07	4937-4941'	4 JSPF	16 holes
10/17/07	4878-4785'	4 JSPF	28 holes
10/17/07	4790-4806'	4 JSPF	64 holes
10/17/07	4708-4716'	4 JSPF	32 holes
10/17/07	4660-4666'	4 JSPF	24 holes
10/17/07	4128-4140'	4 JSPF	48 holes



NEWFIELD

FEDERAL 14-18-9-16

1040' FSL & 2047' FWL

SE/SW Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-33000; Lease # UTU-64379

FEDERAL 15-18-9-16

Spud Date: 09/18/07

Put on Production: 10/16/07

GL: 6049' KB: 6061'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (312.36')

DEPTH LANDED: 324.21' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 1- 160, 2-300 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 154 jts. (5986.37')

DEPTH LANDED: 5999.62' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

TUBING 1 jt 2-7/8" N-80 (31.2')

TBG SUB 2-7/8 N-80 (6.2')

TBG SUB 2-7/8 J-55 (6.2')

NO. OF JOINTS: 146 jts (4492.9')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4548.6' KB

ON/OFF TOOL AT: 4549.7'

ARROW #1 PACKER CE AT: 4554.41'

XO 2-3/8 x 2-7/8 J-55 AT: 4558.1'

TBG SUB 2-3/8 J-55 AT: 4558.6'

X/N NIPPLE AT: 4564.8'

TOTAL STRING LENGTH: EOT @ 4566'

FRAC JOB

10/11/07 5649-5658'

Frac CP3 sands as follows:

15067# 20/40 sand in 290 bbls Lightning 17 frac fluid. Treated @ avg press of 2158 psi w/avg rate of 24.8 BPM. ISIP 1805 psi. Calc flush: 5647 gal. Actual flush: 5166 gal.

10/11/07 5236-5272'

Frac LODC sands as follows:

159885# 20/40 sand in 1115 bbl Lightning 17 frac fluid. Treated @ avg press of 1955 psi w/avg rate of 24.8 BPM. ISIP 2340 psi. Calc flush: 5234 gal. Actual flush: 4746 gal.

10/11/07 4976-4985'

Frac A1 sands as follows:

34607# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2543 psi w/avg rate of 29.9 BPM. ISIP 3582 psi. Calc flush: 4974 gal. Actual flush: 4494 gal.

10/11/07 4828-4837'

Frac B1 sands as follows:

15082# 20/40 sand in 267 bbls Lightning 17 frac fluid. Treated @ avg press of 2075 psi w/avg rate of 24.8 BPM. ISIP 1935 psi. Calc flush: 4826 gal. Actual flush: 4326 gal.

10/11/07 4584-4598'

Frac D1 sands as follows:

47763# 20/40 sand in 455 bbls Lightning 17 frac fluid. Treated @ avg press of 1975 psi w/avg rate of 24.8 BPM. ISIP 2078 psi. Calc flush: 4582 gal. Actual flush: 4491 gal.

12-31-07

Pump Change: Updated rod & tubing details.

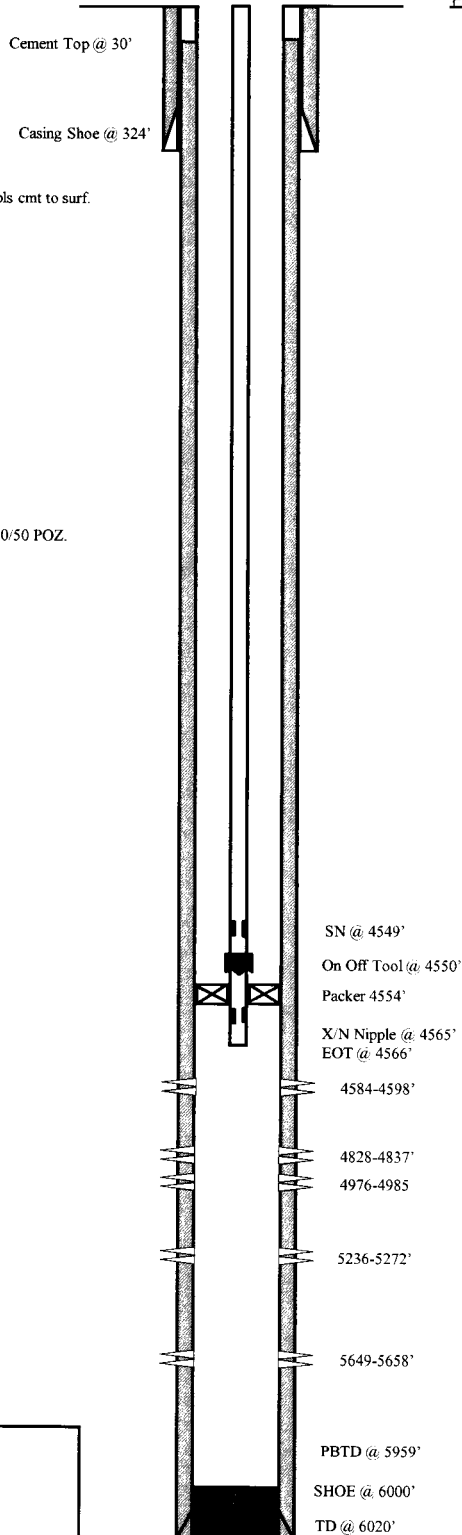
10/22/12

Convert to Injection Well

10/23/12

Conversion MIT Finalized - update tbg detailPERFORATION RECORD

10/11/07	4584-4598'	4 JSPF	56 holes
10/11/07	4828-4837'	4 JSPF	36 holes
10/11/07	4976-4985'	4 JSPF	36 holes
10/11/07	5236-5272'	4 JSPF	144 holes
10/11/07	5649-5658'	4 JSPF	36 holes



BELUGA FEDERAL 15-18-9-16

657' FSL & 2350' FEL

SW/SE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-33001; Lease # UTU-64379

Federal 2-19-9-16

Spud Date: 5/21/2009
 Put on Production: 6/30/2009
 GL: 5966' KB: 5978'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (276')
 DEPTH LANDED: 328'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (5772')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5799.81'
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 88'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 173 jts (5325')
 TUBING ANCHOR: 5337'
 NO. OF JOINTS: 1 jts (30.9')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5371' KB
 NO. OF JOINTS: 2 jts (61.7')
 TOTAL STRING LENGTH: EOT @ 5434'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 1 - 4' x 3/4" pony rods, 101 - 3/4" guided rods, 87 - 3/4" sucker rods, 20 - 3/4" guided rods, 6 - 1 1/2" weight bars
 PUMP SIZE: 2 1/2 x 1 1/2 x 20' RHAC
 STROKE LENGTH: 100
 PUMP SPEED: SPM 5

Cement Top @ 88'

SN @ 5371'

Anchor @ 5337'

5348-5354'

EOT @ 5434'

PBTD @ 5784'

SHOE @ 5800'

TD @ 5810'

FRAC JOB

7-1-09	5348-5354'	Frac CP1 sands as follows: Frac with 19980# 20/40 sand in 165 bbls Lightning 17 fluid.
7-1-09	5082-5099'	Frac LODC sands as follows: Frac with 25343# 20/40 sand in 207 bbls Lightning 17 fluid.
7-1-09	4820-4838'	Frac A1 sands as follows: Frac with 25225# 20/40 sand in 206 bbls Lightning 17 fluid.
7-1-09	4679-4685'	Frac B1 sands as follows: Frac with 31161# 20/40 sand in 248 bbls Lightning 17 fluid.
7-1-09	4436-4444'	Frac D1 sands as follows: Frac with 81584# 20/40 sand in 472 bbls Lightning 17 fluid.
7-1-09	3982-3998'	Frac GB6 sands as follows: Frac with 85303# 20/40 sand in 491 bbls Lightning 17 fluid.

PERFORATION RECORD

5348-5354'	3 JSPF	18 holes
5095-5099'	3 JSPF	12 holes
5082-5085'	3 JSPF	9 holes
4835-4838'	3 JSPF	9 holes
4820-4824'	3 JSPF	12 holes
4679-4685'	3 JSPF	18 holes
4436-4444'	3 JSPF	24 holes
3993-3998'	3 JSPF	15 holes
3982-3985'	3 JSPF	9 holes

NEWFIELD

Federal 2-19-9-16
 821' FNL & 2093' FEL NW/NE
 Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33063; Lease #UTU-64379

FEDERAL 3-19-9-16

Spud Date: 09/12/07

Put on Production: 10/11/07

GL: 6131' KB: 6143'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (312.15')

DEPTH LANDED: 324.27' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 153 jts. (5897.02')

DEPTH LANDED: 5945.27' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 440 sxs 50/50 POZ.

CEMENT TOP: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 129 jts (3981.0')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3993' KB

ON/OFF TOOL AT: 3994.1'

SEAL NIPPLE AT: 3995.6'

ARROW #1 PACKER CE AT: 3999'

XO 2-3/8 x 2-7/8 J-55 AT: 4002.9'

TBG PUP 2-3/8 J-55 AT: 4003.3'

X/N NIPPLE AT: 4007.4'

TOTAL STRING LENGTH: EOT @ 4009'

FRAC JOB

06/27/07 5228-5240'

Frac LODC sands as follows:

45550# 20/40 sand in 450 bbls Lightning 17 frac fluid. Treated @ avg press of 1899 psi w/avg rate of 24.7 BPM. ISIP 2160 psi. Calc flush: 5226 gal. Actual flush: 4746 gal.

06/27/07 4975-4982'

Frac A1 sands as follows:

24422# 20/40 sand in 350 bbls Lightning 17 frac fluid. Treated @ avg press of 2402 psi w/avg rate of 24.9 BPM. ISIP 2248 psi. Calc flush: 4973 gal. Actual flush: 4494 gal.

06/27/07 4823-4831'

Frac B.5 sands as follows:

29655# 20/40 sand in 390 bbls Lightning 17 frac fluid. Treated @ avg press of 2022 psi w/avg rate of 24.8 BPM. ISIP 1907 psi. Calc flush: 4821 gal. Actual flush: 4326 gal.

06/27/07 4594-4603'

Frac D1 sands as follows:

69977# 20/40 sand in 571 bbls Lightning 17 frac fluid. Treated @ avg press of 1748 psi w/avg rate of 24.8 BPM. ISIP 1927 psi. Calc flush: 4592 gal. Actual flush: 4074 gal.

06/27/07 4082-4098'

Frac GB4 sands as follows:

84076# 20/40 sand in 655 bbls Lightning 17 frac fluid. Treated @ avg press of 1625 psi w/avg rate of 24.8 BPM. ISIP 1836 psi. Calc flush: 4080 gal. Actual flush: 3990 gal.

09/17/10

Pump Change. Rod & tubing detail updated.

10/05/12 4637-4640'

Frac D2 sands as follows:

23809# 20/40 sand in 239 bbls Lightning 17 frac fluid.

10/05/12 4117-4120'

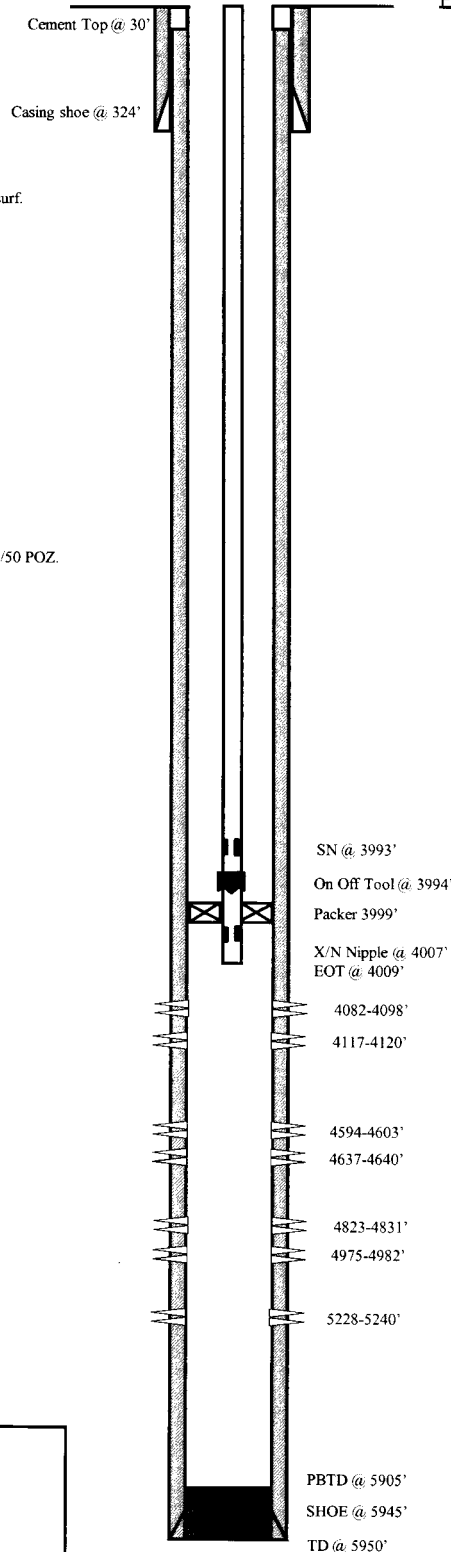
Frac GB6 sands as follows:

19413# 20/40 sand in 193 bbls Lightning 17 frac fluid.

10/09/12

Convert to Injection well

10/12/12

Conversion MIT Finalized - update tbg detailPERFORATION RECORD

10/11/07	5228-5240'	4 JSPF	48 holes
10/11/07	4975-4982'	4 JSPF	28 holes
10/11/07	4823-4831'	4 JSPF	32 holes
10/11/07	4594-4603'	4 JSPF	36 holes
10/11/07	4082-4098'	4 JSPF	64 holes
10/03/12	4637-4640'	3 JSPF	9 holes
10/03/12	4117-4120'	3 JSPF	9 holes



FEDERAL 3-19-9-16
 699' FNL & 1802' FWL
 NE/NW Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33064; Lease # UTU-64379

Spud Date: 08/29/07
 Put on Production: 10/08/07
 GL: 6182' KB: 6194'

FEDERAL 5-19-9-16

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (301.00')
 DEPTH LANDED: 312.85' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 149 jts. (5914.34')
 DEPTH LANDED: 5927.59' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

TUBING

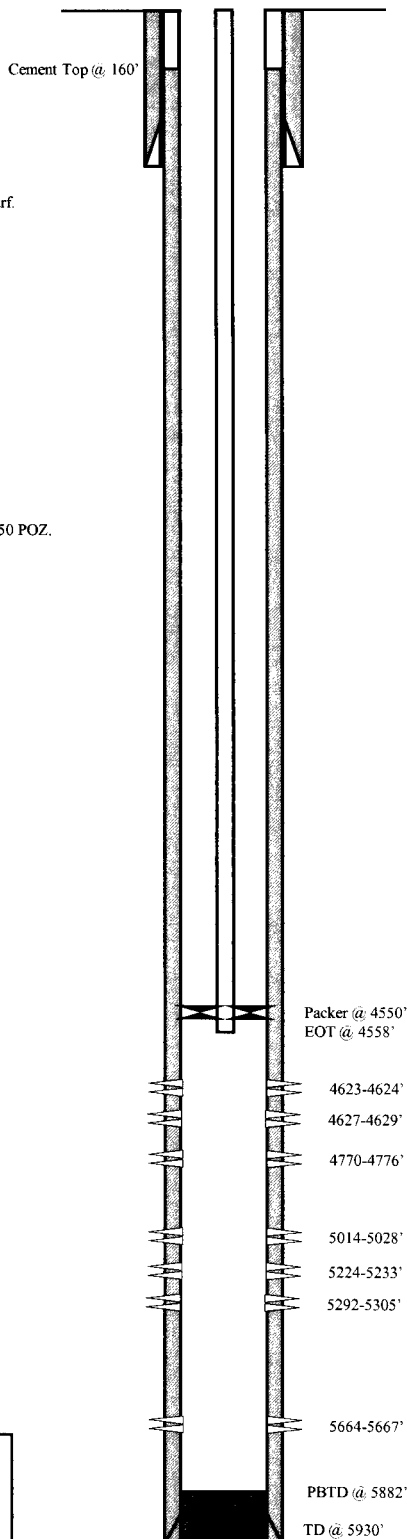
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 147 jts (4532.2')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4544.2' KB
 RETRIEVING HEAD 4-1/2" N-80 AT: 4545.3'
 PACKER CE AT: 4550.4' w/ 1.875 profile X-nipple
 TBG PUP 2-3/8" J-55 AT: 4554.1'
 TOTAL STRING LENGTH: EOT @ 4558' KB

FRAC JOB

10/02/07	5292-5305'	Frac LODC sands as follows: 70815# 20/40 sand in 589 bbls Lightning 17 frac fluid. Treated @ avg press of 2092 psi w/avg rate of 24.8 BPM. ISIP 2307 psi. Calc flush: 5290 gal. Actual flush: 4784 gal.
10/02/07	5224-5233'	Frac LODC sands as follows: 56237# 20/40 sand in 502 bbls Lightning 17 frac fluid. Treated @ avg press of 2357 psi w/avg rate of 24.8 BPM. ISIP 2399 psi. Calc flush: 5222 gal. Actual flush: 4717 gal.
10/04/07	5014-5028'	Frac A3 sands as follows: 49854# 20/40 sand in 466 bbls Lightning 17 frac fluid. Treated @ avg press of 1934 psi w/avg rate of 24.8 BPM. ISIP 2070 psi. Calc flush: 5012 gal. Actual flush: 4507 gal.
10/05/07	4770-4776'	Frac C sands as follows: 16441# 20/40 sand in 257 bbls Lightning 17 frac fluid. Treated @ avg press of 2243 psi w/avg rate of 24.8 BPM. ISIP 3458 psi. Calc flush: 4768 gal. Actual flush: 4683 gal.
10/21/09		Pump Change. Updated rod & tubing details.
7/14/2011		Tubing Leak. Updated rod & tubing details.
08/30/12	5664-5667'	Frac CP4 sands as follows: 18147# 20/40 sand in 229 bbls Lightning 17 frac fluid.
08/30/12	4623-4629'	Frac D1 sands as follows: 16342# 20/40 sand in 236 bbls Lightning 17 frac fluid.
08/31/12		Convert to Injection Well
09/05/12		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

10/01/07	5292-5305'	4 JSPF	52 holes
10/02/07	5224-5233'	4 JSPF	36 holes
10/02/07	5014-5028'	4 JSPF	56 holes
10/04/07	4770-4776'	4 JSPF	24 holes
08/28/12	5664-5667'	3 JSPF	9 holes
08/28/12	4627-4629'	3 JSPF	6 holes
08/28/12	4623-4624'	3 JSPF	3 holes



FEDERAL 5-19-9-16
 1785' FNL & 544' FWL
 SW/NW Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33174; Lease # UTU-64379

FEDERAL 6-19-9-16

Spud Date: 05/13/07
Put on Production: 06/12/07

GL: 5988' KB: 6000'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.05')
DEPTH LANDED: 323.90' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

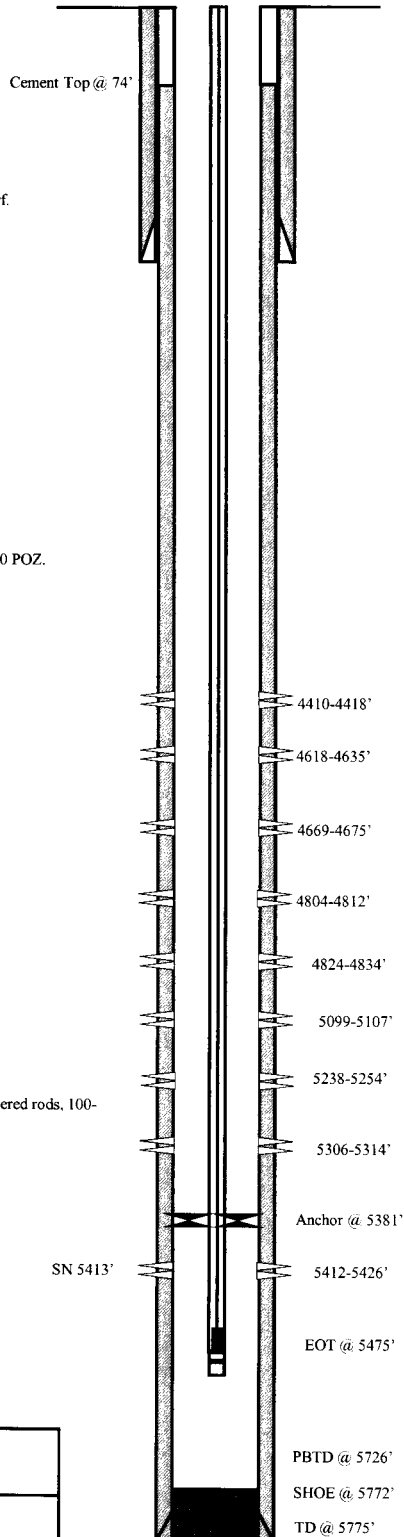
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5758.79')
DEPTH LANDED: 5772.04' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP: 74'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts (5368.53')
TUBING ANCHOR: 5380.53' KB
NO. OF JOINTS: 1 jts (29.45')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5412.78' KB
NO. OF JOINTS: 2 jts (60.64')
TOTAL STRING LENGTH: EOT @ 5474.97' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-4' & 1-8' x 3/4" pony rods, 100-3/4" scraped rods, 100-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 20' RHAC
STROKE LENGTH: 102"
PUMP SPEED, 4.5 SPM:

Wellbore Diagram


Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

06/07/07	5412-5426'	Frac CP3 sands as follows: 34633# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2052 psi w/avg rate of 24.7 BPM. ISIP 2154 psi. Calc flush: 5410 gal. Actual flush: 4906 gal.
06/08/07	5306-5314'	Frac CP1 sands as follows: 24825# 20/40 sand in 338 bbls Lightning 17 frac fluid. Treated @ avg press of 2394 psi w/avg rate of 24.7 BPM. ISIP 2353 psi. Calc flush: 5304 gal. Actual flush: 4843 gal.
06/08/07	5238-5254'	Frac LODC sands as follows: 69984# 20/40 sand in 557 bbls Lightning 17 frac fluid. Treated @ avg press of 2189 psi w/avg rate of 24.7 BPM. ISIP 2569 psi. Calc flush: 5236 gal. Actual flush: 4729 gal.
06/08/07	5099-5107'	Frac LODC sands as follows: 44824# 20/40 sand in 411 bbls Lightning 17 frac fluid. Treated @ avg press of 2128 psi w/avg rate of 24.7 BPM. ISIP 2388 psi. Calc flush: 5097 gal. Actual flush: 4591 gal.
06/08/07	4804-4834'	Frac A1&A3 sands as follows: 84070# 20/40 sand in 625 bbls Lightning 17 frac fluid. Treated @ avg press of 1849 psi w/avg rate of 24.7 BPM. ISIP 2309 psi. Calc flush: 4802 gal. Actual flush: 4339 gal.
06/08/07	4618-4675'	Frac B1 & B2 sands as follows: 136676# 20/40 sand in 945 bbls Lightning 17 frac fluid. Treated @ avg press of 1720 psi w/avg rate of 24.7 BPM. ISIP 2016 psi. Calc flush: 4616 gal. Actual flush: 4154 gal.
06/08/07	4410-4418'	Frac D1 sands as follows: 36368# 20/40 sand in 369 bbls Lightning 17 frac fluid. Treated @ avg press of 1565 psi w/avg rate of 24.7 BPM. ISIP 1650 psi. Calc flush: 4408 gal. Actual flush: 4368 gal.

PERFORATION RECORD

06/05/07	5412-5426'	4 JSPF	56 holes
06/07/07	5306-5314'	4 JSPF	32 holes
06/07/07	5238-5254'	4 JSPF	64 holes
06/08/07	5099-5107'	4 JSPF	32 holes
06/08/07	4824-4834'	4 JSPF	40 holes
06/08/07	4804-4812'	4 JSPF	32 holes
06/08/07	4669-4675'	4 JSPF	24 holes
06/08/07	4618-4635'	4 JSPF	68 holes
06/08/07	4410-4418'	4 JSPF	32 holes


FEDERAL 6-19-9-16 1941' FNL & 1851' FWL SE/NW Section 19-T9S-R16E Duchesne Co, Utah API #43-013-33100; Lease # UTU-64379

FEDERAL 7-19-9-16

Spud Date: 09/25/07
Put on Production: 12/06/07
GL: 6137' KB: 6149'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.36')
DEPTH LANDED: 316.01' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (5929.84')
DEPTH LANDED: 5943.09' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 175'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 172 jts (5412.80')
TUBING ANCHOR: 5412.80' KB
NO. OF JOINTS: 1 jts (31.50')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5447.10' KB
NO. OF JOINTS: 2 jts (62.06')
TOTAL STRING LENGTH: EOT @ 5510.71' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-4', & 1-6' x 3/4" pony rods, 1-3/4" slick rod 100-3/4"
scraper rods, 90-3/4" plain rods, 20-3/4" scraper rods, 6-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 17' x 20" RHAC
STROKE LENGTH: 100"
PUMP SPEED, 5 SPM:

FRAC JOB

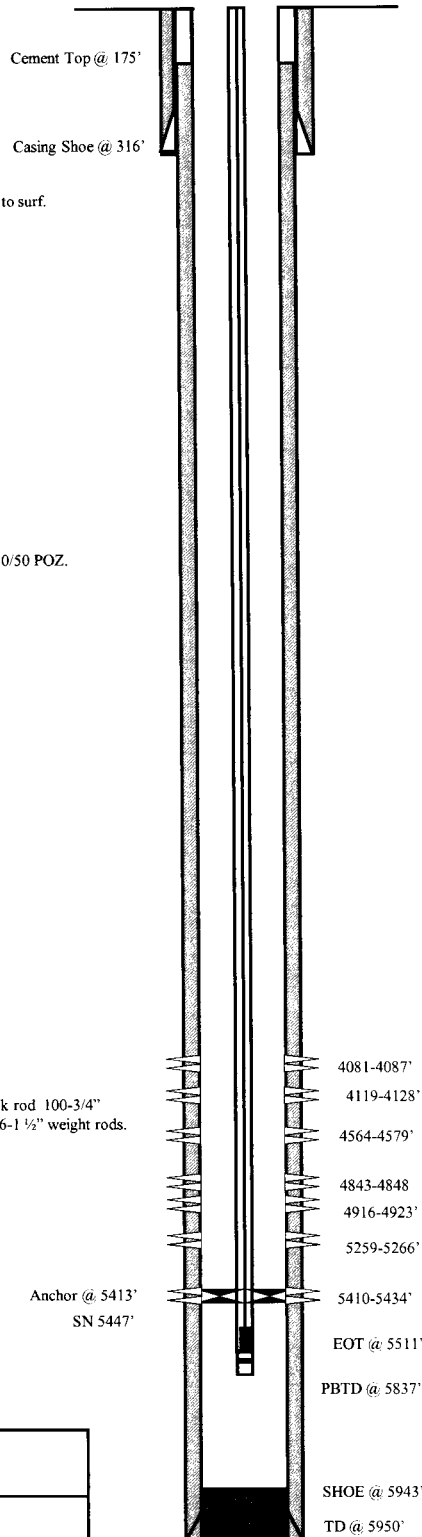
11/19/07	5410-5434'	Frac LODC sands as follows: 109202# 20/40 sand in 819 bbls Lightning 17 frac fluid. Treated @ avg press of 2224 psi w/avg rate of 23.1 BPM. ISIP 2660 psi. Calc flush: 5408 gal. Actual flush: 4906 gal.
11/28/07	5259-5266'	Frac LODC sands as follows: 39849# 20/40 sand in 409 bbl Lightning 17 frac fluid. Treated @ avg press of 2270 psi w/avg rate of 22.9 BPM. ISIP 2197 psi. Calc flush: 5257 gal. Actual flush: 4759 gal.
11/28/07	4916-4923'	Frac A.S sands as follows: 190567# 20/40 sand in 298 bbls Lightning 17 frac fluid. Treated @ avg press of 2017 psi w/avg rate of 23.1 BPM. ISIP 2175 psi. Calc flush: 4914 gal. Actual flush: 4410 gal.
11/28/07	4843-4848'	Frac B1 sands as follows: 14207# 20/40 sand in 260 bbls Lightning 17 frac fluid. Treated @ avg press of 2112 psi w/avg rate of 23.1 BPM. ISIP 1944 psi. Calc flush: 4842 gal. Actual flush: 4343 gal.
11/28/07	4564-4579'	Frac D1 sands as follows: 79967# 20/40 sand in 617 bbls Lightning 17 frac fluid. Treated @ avg press of 1666 psi w/avg rate of 23.1 BPM. ISIP 1984 psi. Calc flush: 4564 gal. Actual flush: 4579 gal.
11/28/07	4564-4579'	Frac GB6 & GB4 sands as follows: 39102# 20/40 sand in 395 bbls Lightning 17 frac fluid. Treated @ avg press of 1725 psi w/avg rate of 23.1 BPM. ISIP 1731 psi. Calc flush: 4562 gal. Actual flush: 3990 gal.

5/5/09

Pump Change. Updated r & t details.

PERFORATION RECORD

10/11/07	4584-4598'	4 JSPF	56 holes
10/11/07	4828-4837'	4 JSPF	36 holes
10/11/07	4976-4985'	4 JSPF	36 holes
10/11/07	5236-5272'	4 JSPF	144 holes
10/11/07	5649-5658'	4 JSPF	36 holes

**FEDERAL 7-19-9-16**

1958' FNL & 2161' FEL

SW/NE Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33158; Lease # UTU-64379

FEDERAL 12-19-9-16

Spud Date: 05/04/07
Put on Production: 03/28/07
GL: 6024' KB: 6036'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.23')
DEPTH LANDED: 324.08' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 131 jts. (5741.84')
DEPTH LANDED: 5744.09' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 451 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 148 jts (4724.60')
TUBING ANCHOR: 4736.60' KB
NO. OF JOINTS: 1 jts (31.37')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4770.77' KB
NO. OF JOINTS: 2 jts (63.07')
TOTAL STRING LENGTH: EOT @ 4835.39' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-6' & 1-8' x 3/4" pony rods, 99-3/4" guided rods, 75-3/4" plain rods, 10-3/4" guided rods, 6-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 20' RHAC
STROKE LENGTH: 102"
PUMP SPEED, 5 SPM:

Wellbore Diagram

Cement Top @ surface

SN 4771'

4304.5-4313.5'
4372-4386'
4525-4542'
4584-4589'
4636-4641'
Anchor @ 4737'
4764-4774'
EOT @ 4835'
PBTD @ 5710'
SHOE @ 5744'
TD @ 5760'

FRAC JOB

06/06/07	4764-4774'	Frac A1 sands as follows: 49572# 20/40 sand in 420 bbls Lightning 17 frac fluid. Treated @ avg press of 2181 psi w/avg rate of 24.7 BPM. ISIP 2446 psi. Calc flush: 4762 gal. Actual flush: 4301 gal.
06/06/07	4636-4584'	Frac B2 & B1 sands as follows: 14528# 20/40 sand in 232 bbls Lightning 17 frac fluid. Treated @ avg press of 2162 psi w/avg rate of 24.7 BPM. ISIP 1790 psi. Calc flush: 4634 gal. Actual flush: 4141 gal.
06/06/07	4525-4542'	Frac C sands as follows: 99094# 20/40 sand in 695 bbls Lightning 17 frac fluid. Treated @ avg press of 2017 psi w/avg rate of 24.7 BPM. ISIP 2342 psi. Calc flush: 4523 gal. Actual flush: 4040 gal.
06/06/07	4372-4386'	Frac D1 sands as follows: 93828# 20/40 sand in 683 bbls Lightning 17 frac fluid. Treated @ avg press of 1800 psi w/avg rate of 24.7 BPM. ISIP 2241 psi. Calc flush: 4370 gal. Actual flush: 3919 gal.
06/06/07	4304.5-4313.5'	Frac DS3 sands as follows: 17586# 20/40 sand in 243 bbls Lightning 17 frac fluid. Treated @ avg press of 2345 psi w/avg rate of 24.7 BPM. ISIP 2607 psi. Calc flush: 4302.5 gal. Actual flush: 4242 gal.

PERFORATION RECORD

06/06/07	4764-4774'	4 JSPF	40 holes
06/06/07	4636-4641'	4 JSPF	20 holes
06/06/07	4584-4589'	4 JSPF	20 holes
06/06/07	4525-4542'	4 JSPF	68 holes
06/06/07	4372-4386'	4 JSPF	56 holes
06/06/07	4304.5-4313.5'	4 JSPF	36 holes

**FEDERAL 12-19-9-16**

1903' FSL & 791' FWL

NWSW Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33102; Lease # UTU-74391

Ashley Federal 8-24-9-15

Spud Date: 7-5-06
Put on Production: 9-1-06
GL: 6201' KB: 6213'

Initial Production: BOPD,
MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (309.21')
DEPTH LANDED: 321.06' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5918.43')
DEPTH LANDED: 5931.68' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 350'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 165 jts (5559.84')
TUBING ANCHOR: 5239.99' KB
NO. OF JOINTS: 1 jts (31.74')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5274.53' KB
NO. OF JOINTS: 2 jts (63.37')
TOTAL STRING LENGTH: EOT @ 5339.45' KB

SUCKER RODS

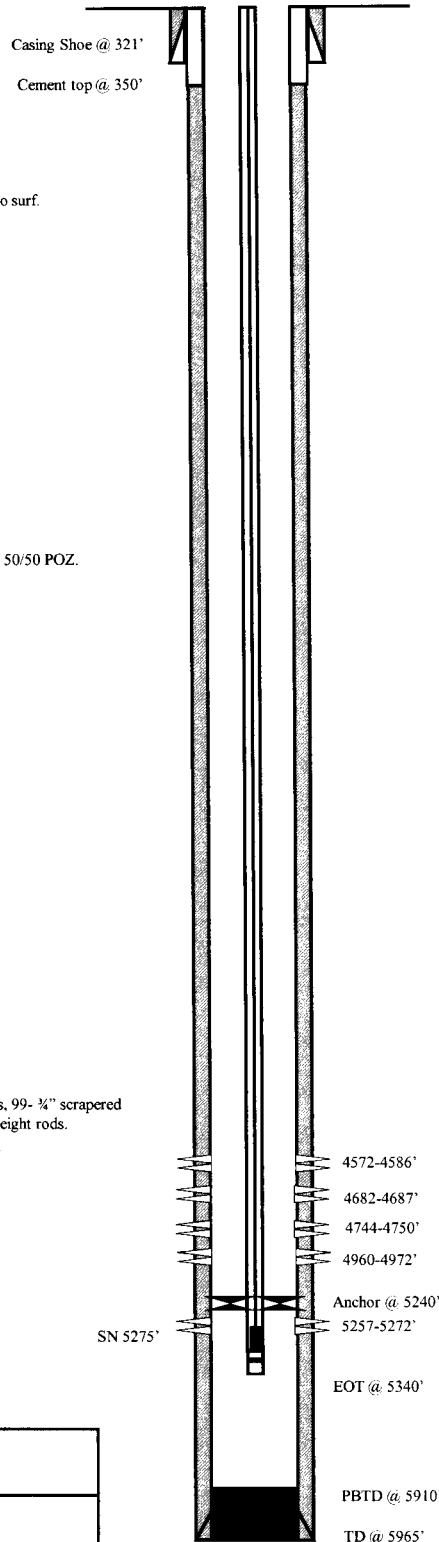
POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-8", 1-6", 2-4", & 1-2" X 3/4" pony rods, 99- 3/4" scraped rods, 94- 3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM


FRAC JOB

08-29-06	5257-5272'	Frac LODC sands as follows: 40499# 20/40 sand in 430 bbls Lightning 17 frac fluid. Treated @ avg press of 2365 psi w/avg rate of 25 BPM. ISIP 2475 psi. Calc flush: 5255 gal. Actual flush: 4746 gal.
08-29-06	4960-4972'	Frac A1 sands as follows: 70637# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 1895 psi w/avg rate of 25 BPM. ISIP 1950 psi. Calc flush: 4958 gal. Actual flush: 4444 gal.
08-29-06	4682-4750'	Frac C, & D3 sands as follows: 34614# 20/40 sand in 374 bbls Lightning 17 frac fluid. Treated @ avg press of 2035psi w/avg rate of 24.9 BPM. ISIP 1750 psi. Calc flush: 4680 gal. Actual flush: 4162 gal.
08-29-06	4572-4586'	Frac D1 sands as follows: 75771# 20/40 sand in 562 bbls Lightning 17 frac fluid. Treated @ avg press of 1955 w/avg rate of 25 BPM. ISIP 2025 psi. Calc flush: 4570 gal. Actual flush: 4440 gal.

PERFORATION RECORD

08-16-06	5257-5272'	4 JSPF	60 holes
08-29-06	4960-4972'	4 JSPF	48 holes
08-29-06	4744-4750'	4 JSPF	24 holes
08-29-06	4682-4687'	4 JSPF	20 holes
08-29-06	4572-4586'	4 JSPF	56 holes




Ashley Federal 8-24-9-15 2130' FNL & 584' FEL SE/NE Section 24-T9S-R15E Duchesne Co, Utah API # 43-013-32818; Lease # UTU-02458

Ashley Federal 2-24-9-15

Attachment E-11

Spud Date: 6-30-05
Put on Production: 9-2-05
GL: 6187' KB: 6199'

Initial Production: BOPD,
MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (304.11')
DEPTH LANDED: 315.01' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4.5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141 jts (5963.71')
DEPTH LANDED: 5976.96' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 270'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts (5636.4')
TUBING ANCHOR: 5648.4' KB
NO. OF JOINTS: 1 jts (63.3')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5714.5' KB
NO. OF JOINTS: 2 jts (66.10')
TOTAL STRING LENGTH: EOT @ 5783' KB

SUCKER RODS

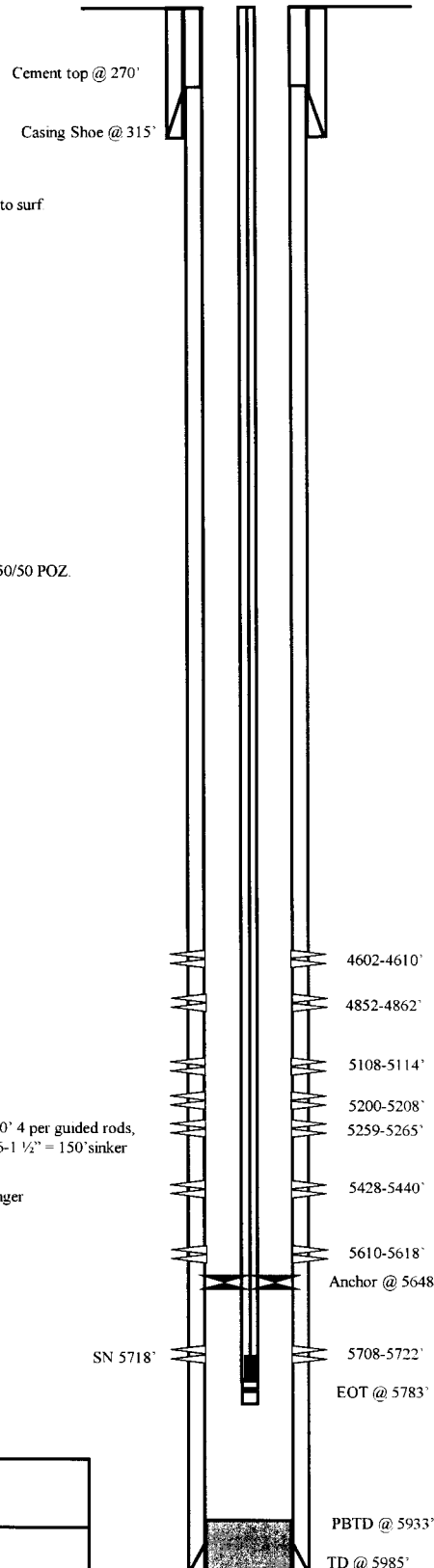
POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-8", 1-4" x 3/4" pony rod, 98-3/4" = 2450' 4 per guided rods, 57-3/4" = 1425' sucker rods, 66-3/4" = 1650' guided rods, 6-1 1/2" = 150' sinker rods.
PUMP SIZE: 2-1/2" x 1-1/4" x 14' x 16' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED: 5 SPM

FRAC JOB

8-29-05	5610-5722'	Frac CP2, CP4 sands as follows: 50044# 20/40 sand in 432 bbls Lightning 17 frac fluid. Treated @ avg press of 1731 psi w/avg rate of 13 BPM. ISIP 1860 psi. Calc flush: 6508 gal. Actual flush: 5670 gal.
8-29-05	5428-5440'	Frac LODC sands as follows: 25523# 20/40 sand in 289 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 23.4 BPM. ISIP 2030 psi. Calc flush: 5426 gal. Actual flush: 5460 gal.
8-29-05	5108-5265'	Frac LODC sands as follows: 60313# 20/40 sand in 476 bbls Lightning 17 frac fluid. Treated @ avg press of 2415 psi w/avg rate of 28.1 BPM. ISIP 2475 psi. Calc flush: 5106 gal. Actual flush: 5460 gal.
8-29-05	4852-4862'	Frac B1 sands as follows: 29993# 20/40 sand in 310 bbls Lightning 17 frac fluid. Treated @ avg press of 1311 psi w/avg rate of 16.8 BPM. ISIP 1830 psi. Calc flush: 4850 gal. Actual flush: 4872 gal.
8-29-05	4602-4610'	Frac D1 sands as follows: 20865# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 1648 psi w/avg rate of 16.7 BPM. ISIP 2090 psi. Calc flush: 4600 gal. Actual flush: 4494 gal.
1/14/09		Tubing Leak. Updated rod & tubing details
11/23/10		Tubing Leak. Updated rod & tubing details
12/6/2011		Tubing Leak. Updated rod & tubing detail.

PERFORATION RECORD

8-15-05	5610-5618'	4 JSPF	32 holes
8-15-05	5708-5722'	4 JSPF	56 holes
8-29-05	5428-5440'	4 JSPF	48 holes
8-29-05	5259-5265'	4 JSPF	24 holes
8-29-05	5200-5208'	4 JSPF	32 holes
8-29-05	5108-5114'	4 JSPF	24 holes
8-29-05	4852-4862'	4 JSPF	40 holes
8-29-05	4602-4610'	4 JSPF	32 holes



NEWFIELD

Ashley Federal 2-24-9-15

661' FNL & 1784' FEL

NW/NE Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32645; Lease #UTU-66185

VC 12/13/2011

Ashley Federal 1-24-9-15

Spud Date: 03/30/05

Put on Production: 06/03/05

GL: 6159' KB: 6169'

Initial Production: BOPD,
MCFD, BWPDSURFACE CASING

CSG SIZE: 8 5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (298.59')

DEPTH LANDED: 308.59' KB

HOLE SIZE: 12 1/4"

CEMENT DATA: 160 sks Class "G" Mix. Est 3 bbls cement to the pit

PRODUCTION CASING

CSG SIZE: 5 1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 166 jts. (5978.21')

DEPTH LANDED: 5976.21' KB

HOLE SIZE: 7 7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.

CEMENT TOP AT: 100'

TUBING

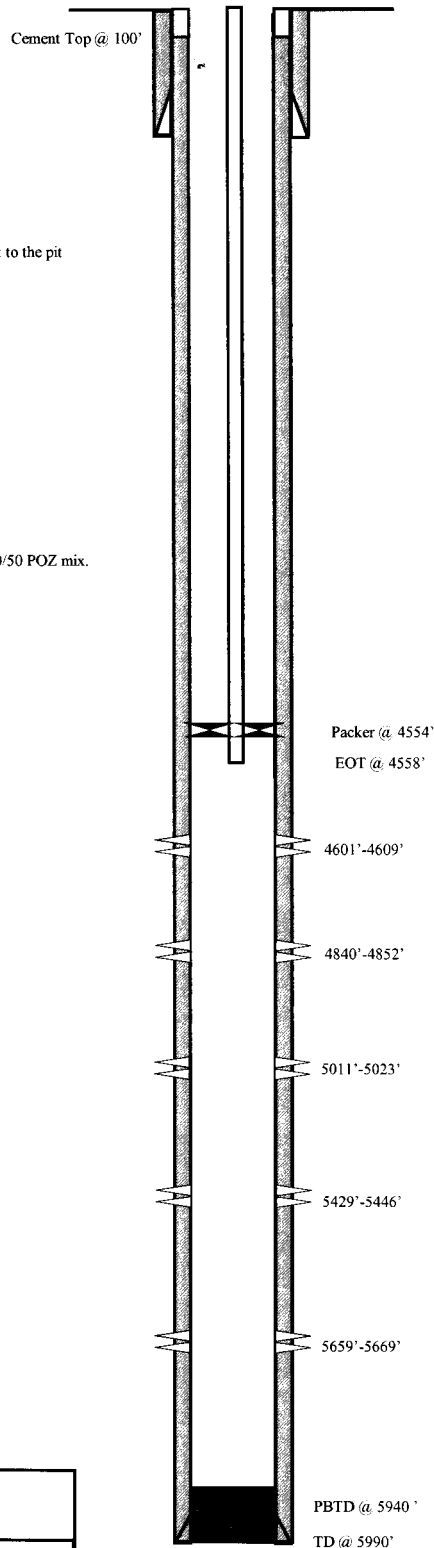
SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#

NO. OF JOINTS: 136 jts (4537.75')

SEATING NIPPLE: 2 7/8" (1.10')

SN LANDED AT: 4549.75' KB

TOTAL STRING LENGTH: 4558.25' w/ 12' KB

Injection Wellbore
DiagramFRAC JOB

05/26/05 5659'-5669'	Frac CP3 sands as follows: 25,389# of 20/40 sand in 296 bbls lightning 17 frac fluid. Treated @ avg press of 2019 psi, w/avg rate of 25.3 bpm. ISIP 2020 psi. Calc flush: 5657 gal. Actual flush: 5376 gal.
05/26/05 5156'-5186'	Frac LODC sands as follows: 40,595# of 20/40 sand in 369 bbls lightning 17 frac fluid. Treated @ avg press of 2057 psi, w/avg rate of 24.9 bpm. ISIP 3950 psi. Flush screened out.
05/27/05 4840'-4852'	Frac B1 sands as follows: 39,566# of 20/40 sand in 382 bbls lightning 17 frac fluid. Treated @ avg press of 1756 psi, w/avg rate of 25 bpm. ISIP 2950 psi. Calc flush: 4838 gal. Actual flush: 4578 gal.
05/27/05 4601'-4609'	Frac D1 sands as follows: 40,412# of 20/40 sand in 355 bbls lightning 17 frac fluid. Treated @ avg press of 1784 psi, w/avg rate of 24.8 bpm. ISIP 3593 psi. Flush screened out
05/27/05 5011'-5023'	Frac A1 sands as follows: 46,430# of 20/40 sand in 402 bbls lightning 17 frac fluid. Treated @ avg press of 3096 psi, w/avg rate of 14.2 bpm. ISIP 2100 psi. Calc flush: 1307 gal. Actual flush: 1260 gal.
1/8/07	Well converted to an Injection well. MIT completed and submitted.

PERFORATION RECORD

05/16/05	5659'-5669'	4 JSPF	40 holes
05/26/05	5429'-5446'	4 JSPF	68 holes
05/27/05	5011'-5023'	4 JSPF	48 holes
05/27/05	4840'-4852'	4 JSPF	48 holes
05/27/05	4601'-4609'	4 JSPF	32 holes

NEWFIELD

Ashley Federal 1-24-9-15
640' FNL & 512' FEL
NE/NE Section 24-T9S-R15E
Duchesne Co, Utah
API #43-013-32482; Lease #UTU-66185

CD 1/24/07

Ashley Federal 16-13-9-15

Spud Date: 6/23/05

Put on Production: 8/12/05

GL: 6127' KB: 6139'

Initial Production: 31 BOPD,
14 MCFD, 51 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (302.24')

DEPTH LANDED: 314.09' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G", circ. 6 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 141 jts. (5975.61')

DEPTH LANDED: 5975.86' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.

CEMENT TOP AT: 70' per CBL 8/3/05

TUBING (GI 3/28/12)

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#

NO. OF JOINTS: 180 jts (5634.7')

TUBING ANCHOR: 5646.7' KB

NO. OF JOINTS: 2 jts (62.18')

SEATING NIPPLE: 2 7/8" (1.10')

SN LANDED AT: 5711.68' KB

BLEED NIPPLE: 2-7/8" (0.65')

NO. OF JOINTS: 2 jts (62.79')

NOTCHED COLLAR: 2-7/8" (0.45')

TOTAL STRING LENGTH: EOT @ 5776.67'

SUCKER RODS (GI 3/28/12)

POLISHED ROD: 1 1/2" x 22'

SUCKER RODS: 4' x 7/8" pony rod, 79 x 7/8" guided rods(4per), 142 x 3/4" guided rods(4per), 6 x 1-1/2" weight bars, 6 x 4' x 7/8" stabilizer bars.

PUMP SIZE: 2-1/2" x 1-1/4" x 14' x 16' RHAC

STROKE LENGTH: 86"

PUMP SPEED, SPM: 5

PUMPING UNIT: AMERICAN PRODUCER I C-228-213-86

FRAC JOB

8/8/05 5596'-5688'

Frac CP2 and CP3 sands as follows:

48,881#s of 20/40sand in 437 bbls lightning 17 frac fluid. Treated @ avg press of 1399, w/avg rate of 24.6 bpm. ISIP 2000 psi. Calc flush: 5594 gal. Actual flush: 5368 gal.

8/8/05 5462'-5506'

Frac LODC sands as follows:

30,693#s of 20/40 sand in 330 bbls lightning 17 frac fluid. Treated @ avg press of 1837, w/avg rate of 24.9 bpm. ISIP 2200 psi. Calc flush: 5460 gal. Actual flush: 5212 gal.

8/9/05 5126'-5166'

Frac LODC sands as follows:

30,385#s of 20/40 sand in 317 bbls lightning 17 frac fluid. Treated @ avg press of 1882, w/avg rate of 24.9 bpm. ISIP 2750 psi. Calc flush: 5124 gal. Actual flush: 4885 gal.

8/9/05 4777'-4786'

Frac C sands as follows:

39,987#s of 20/40 sand in 370 bbls lightning 17 frac fluid. Treated @ avg press of 1674, w/avg rate of 24.7 bpm. ISIP 1800 psi. Calc flush: 4775 gal. Actual flush: 4536 gal.

8/9/05 4666'-4674'

Frac D2 sands as follows:

35,978#s of 20/40 sand in 349 bbls lightning 17 frac fluid. Treated @ avg press of 1831, w/avg rate of 24.6 bpm. ISIP 1950 psi. Calc flush: 4664 gal. Actual flush: 4536 gal.

6/30/08

Hole in Tubing. Rod & tubing detail updated.

1/28/09

Tubing Leak. Updated r & t detail.

1/10/10

Parted rods. Updated rod and tubing detail.

6/17/2010

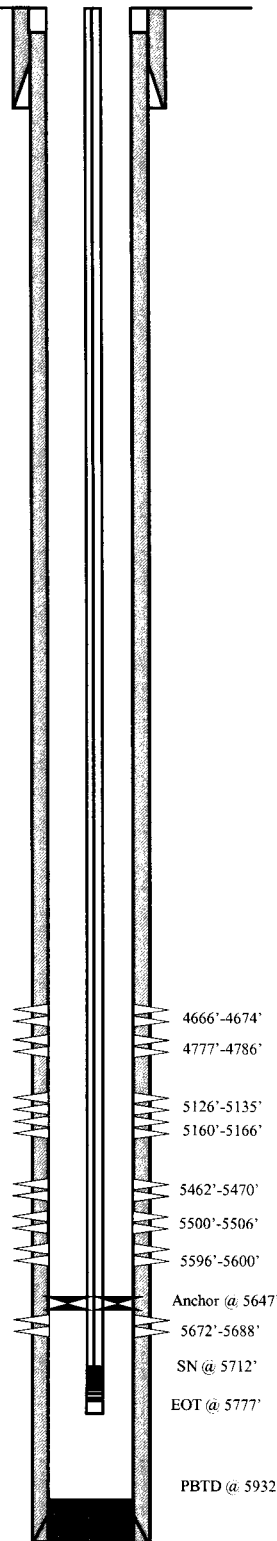
Parted rods. Updated rod and tubing detail.

7/2/2010

Parted rods. Updated rod and tubing detail.

3/30/12

Parted rods: updated rod & tubing detail.

PERFORATION RECORD

8/3/05	5672'-5688'	4 JSPF	64 holes
8/3/05	5596'-5600'	4 JSPF	16 holes
8/8/05	5500'-5506'	4 JSPF	24 holes
8/8/05	5462'-5470'	4 JSPF	32 holes
8/9/05	5160'-5166'	4 JSPF	24 holes
8/9/05	5126'-5135'	4 JSPF	36 holes
8/9/05	4777'-4786'	4 JSPF	36 holes
8/9/05	4666'-4674'	4 JSPF	32 holes



Ashley Federal 16-13-9-15
682' FSL & 523' FEL
SE/SE Section 13-T9S-R15E
Duchesne Co, Utah
API #43-013-32668; Lease #UTU-68548

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Units of Measurement: **Standard**

ATTACHMENT F

1 of 6

multi-chem®

A HALLIBURTON SERVICE

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **SWDIF**Sample Point: **After Filter**Sample Date: **12/4/2012**Sample ID: **WA-229142**Sales Rep: **Michael McBride**Lab Tech: **Gary Peterson**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	12/5/2012	Sodium (Na):	734.93	Chloride (Cl):	1000.00
System Temperature 1 (°F):	120.00	Potassium (K):	11.00	Sulfate (SO ₄):	120.00
System Pressure 1 (psig):	60.0000	Magnesium (Mg):	26.00	Bicarbonate (HCO ₃):	366.00
System Temperature 2 (°F):	210.00	Calcium (Ca):	46.20	Carbonate (CO ₃):	
System Pressure 2 (psig):	60.0000	Strontium (Sr):		Acetic Acid (CH ₃ COO)	
Calculated Density (g/ml):	0.999	Barium (Ba):	0.17	Propionic Acid (C ₂ H ₅ COO)	
pH:	6.80	Iron (Fe):	0.13	Butanoic Acid (C ₃ H ₇ COO)	
Calculated TDS (mg/L):	2304.49	Zinc (Zn):	0.02	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
CO ₂ in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO ₂ (mg/L):	15.00	Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Gas (%):		Manganese (Mn):	0.04	Silica (SiO ₂):	
H ₂ S in Water (mg/L):	2.50				

Notes:

9:30

(PTB = Pounds per Thousand Barrels)

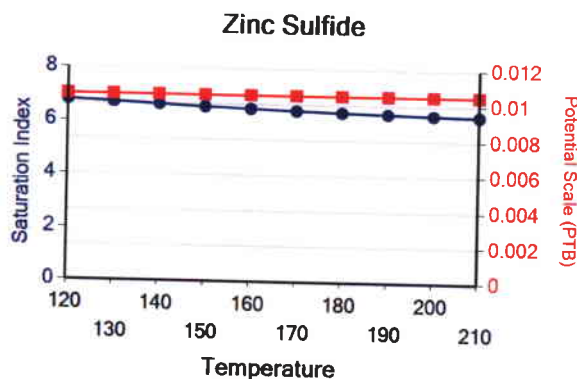
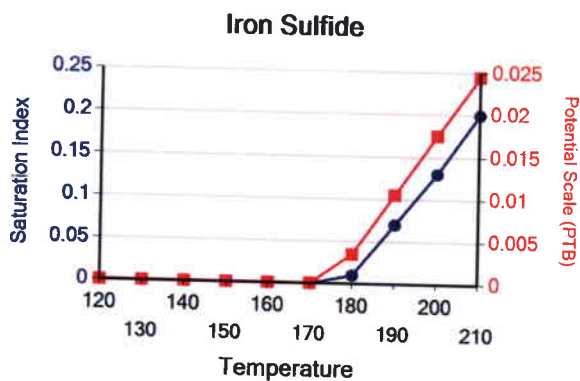
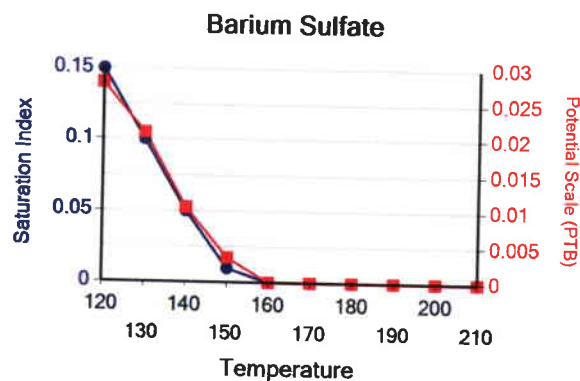
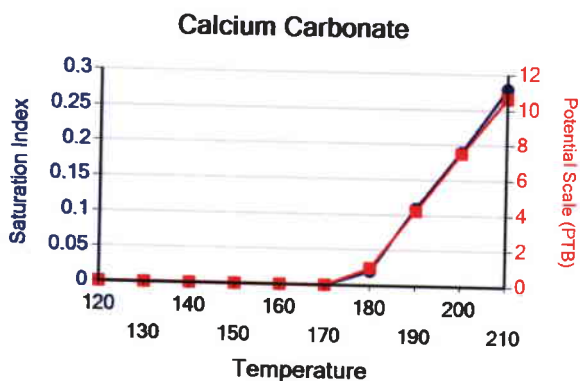
Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ 2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.28	10.64	0.00	0.00	0.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.28	0.01
200.00	60.00	0.19	7.48	0.00	0.00	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.31	0.01
190.00	60.00	0.11	4.25	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.35	0.01
180.00	60.00	0.02	0.97	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.39	0.01
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.44	0.01
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.01
150.00	60.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56	0.01
140.00	60.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.64	0.01
130.00	60.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.72	0.01
120.00	60.00	0.00	0.00	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	0.01

Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ •0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Zinc Sulfide

These scales have positive scaling potential under final temperature and pressure: Barium Sulfate Zinc Sulfide



Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **FEDERAL 4-19-9-16**Sample Point: **Treater**Sample Date: **3/11/2013**Sample ID: **WA-236940**Sales Rep: **Michael McBride**Lab Tech: **Layne Wilkerson**
 Scaling potential predicted using ScaleSoftPitzer from
 Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	3/20/2013	<i>Cations</i>		<i>Anions</i>	
System Temperature 1 (°F):	120.00	<i>mg/L</i>		<i>mg/L</i>	
System Pressure 1 (psig):	60.0000	Sodium (Na):	3475.77	Chloride (Cl):	3000.00
System Temperature 2 (°F):	210.00	Potassium (K):	10.00	Sulfate (SO ₄):	87.00
System Pressure 2 (psig):	60.0000	Magnesium (Mg):	2.00	Bicarbonate (HCO ₃):	4001.60
Calculated Density (g/ml):	1.005	Calcium (Ca):	4.50	Carbonate (CO ₃):	
pH:	8.50	Strontium (Sr):	0.80	Acetic Acid (CH ₃ COO)	
Calculated TDS (mg/L):	10608.86	Barium (Ba):	2.70	Propionic Acid (C ₂ H ₅ COO)	
CO ₂ in Gas (%):		Iron (Fe):	3.30	Butanoic Acid (C ₃ H ₇ COO)	
Dissolved CO ₂ (mg/L):	0.00	Zinc (Zn):	0.08	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
H ₂ S in Gas (%):		Lead (Pb):	0.08	Fluoride (F):	
H ₂ S in Water (mg/L):	4.50	Ammonia NH ₃ :		Bromine (Br):	
		Manganese (Mn):	0.03	Silica (SiO ₂):	21.00

Notes:

B=5.6 Al=.01

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ 2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	1.47	3.80	0.41	0.98	3.43	1.82	3.61	2.40	0.00	0.00	0.00	0.00	0.00	0.00	8.33	0.04
200.00	60.00	1.41	3.78	0.43	1.00	3.41	1.82	3.55	2.40	0.00	0.00	0.00	0.00	0.00	0.00	8.41	0.04
190.00	60.00	1.35	3.76	0.45	1.03	3.39	1.82	3.49	2.40	0.00	0.00	0.00	0.00	0.00	0.00	8.49	0.04
180.00	60.00	1.30	3.74	0.47	1.06	3.38	1.82	3.43	2.40	0.00	0.00	0.00	0.00	0.00	0.00	8.58	0.04
170.00	60.00	1.25	3.71	0.50	1.09	3.37	1.82	3.38	2.40	0.00	0.00	0.00	0.00	0.00	0.00	8.67	0.04
160.00	60.00	1.20	3.68	0.53	1.13	3.37	1.82	3.32	2.40	0.00	0.00	0.00	0.00	0.00	0.00	8.78	0.04
150.00	60.00	1.16	3.66	0.57	1.16	3.38	1.82	3.26	2.40	0.00	0.00	0.00	0.00	0.00	0.00	8.89	0.04
140.00	60.00	1.12	3.63	0.61	1.21	3.39	1.82	3.20	2.40	0.00	0.00	0.00	0.00	0.00	0.00	9.01	0.04
130.00	60.00	1.08	3.60	0.66	1.25	3.42	1.82	3.14	2.40	0.00	0.00	0.00	0.00	0.00	0.00	9.14	0.04
120.00	60.00	1.04	3.57	0.71	1.29	3.45	1.82	3.08	2.40	0.00	0.00	0.00	0.00	0.00	0.00	9.28	0.04

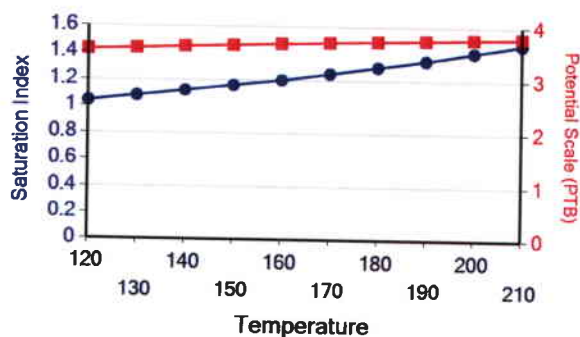
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.77	0.05	9.40	0.03	4.44	3.86	1.95	5.69	12.51	2.57
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	0.05	9.54	0.03	4.00	3.80	1.69	5.38	12.19	2.57
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60	0.05	9.69	0.03	3.56	3.72	1.44	4.97	11.86	2.57
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.05	9.86	0.03	3.11	3.60	1.18	4.45	11.54	2.57
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40	0.05	10.03	0.03	2.66	3.44	0.92	3.81	11.22	2.57
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	0.05	10.21	0.03	2.20	3.21	0.66	3.04	10.90	2.57
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.05	10.41	0.03	1.75	2.89	0.40	2.15	10.59	2.57
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.08	0.05	10.62	0.03	1.29	2.44	0.14	1.11	10.28	2.57
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.05	10.85	0.03	0.83	1.84	0.00	0.00	9.98	2.57
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.05	11.09	0.03	0.38	1.05	0.00	0.00	9.68	2.57

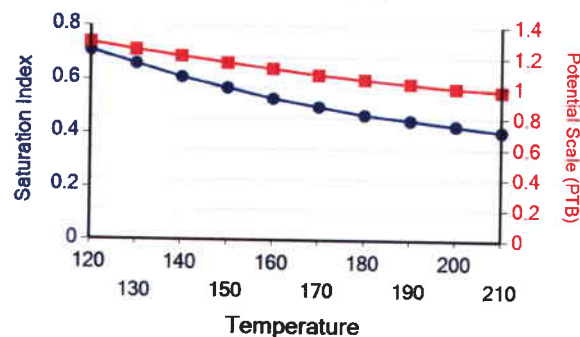
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Fe Silicate

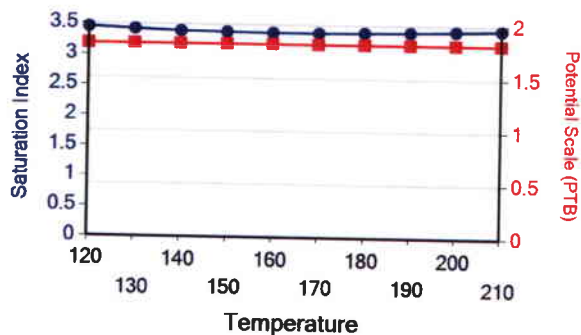
Calcium Carbonate



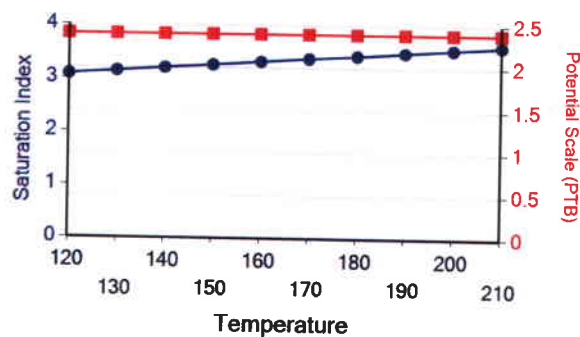
Barium Sulfate



Iron Sulfide

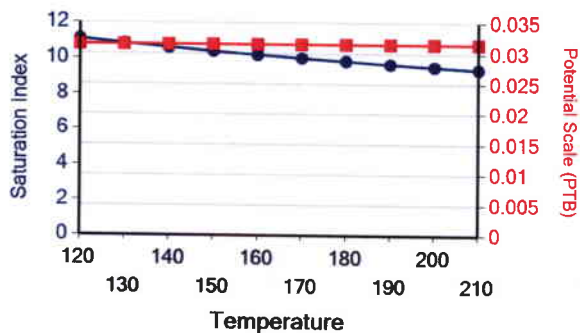


Iron Carbonate

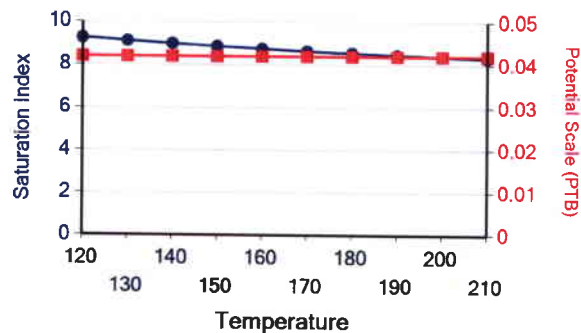


Water Analysis Report

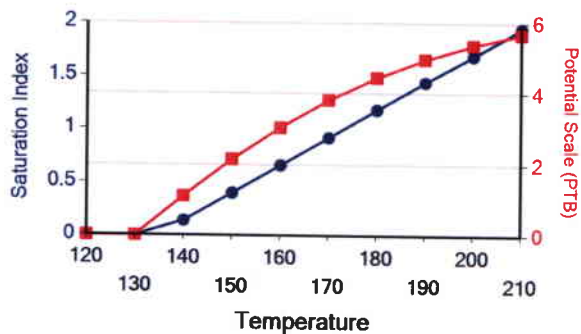
Lead Sulfide



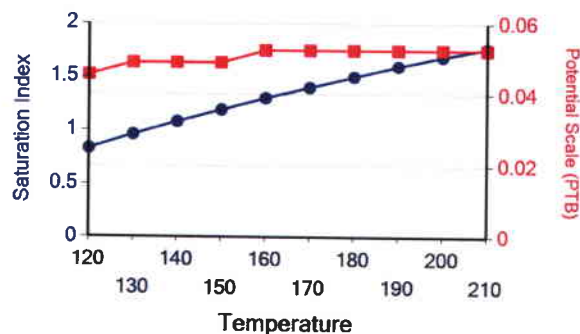
Zinc Sulfide



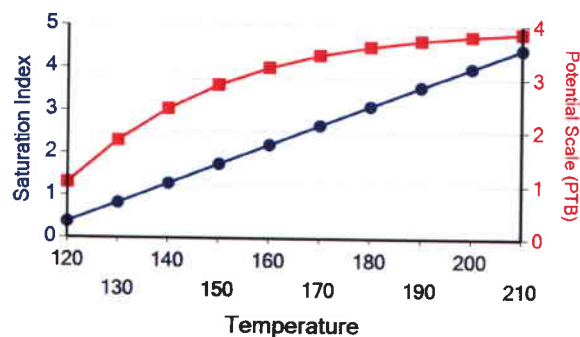
Ca Mg Silicate



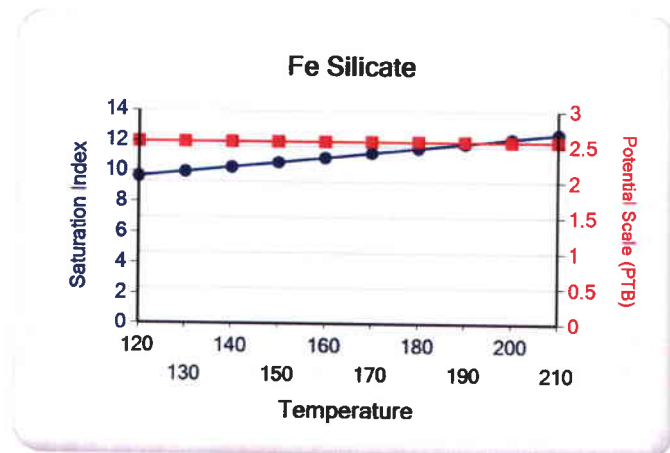
Zinc Carbonate



Mg Silicate



Water Analysis Report



Attachment "G"

**Federal #4-19-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5006	5040	5023	2530	0.94	2497
4617	4652	4635	2145	0.90	2115 ←
4332	4404	4368	2145	0.93	2117
				Minimum	<u>2115</u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



1066

DAILY COMPLETION REPORT

WELL NAME: Fed 4-19-9-16 Report Date: 23-Oct-07 Day: 1
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 318' Prod Csg: 5 1/2" @ 5954' Csg PBTD: 5864' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A3 sds	5035-5040'	4/20
A1 sds	5006-5015'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 22-Oct-07 SITP: SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5864' & cement top @ 113'. Perforate stage #1. A3 sds @ 5035- 40', A1 sds @ 5006-15' w/ 3 1/8" slick guns (19 gram, .49" HE, 120 , 21.92' pen, EXP-3319-331 Titan) w/ 4 spf for total of 56 shots. 140 BWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 140 Starting oil rec to date:
 Fluid lost/recovered today: 0 Oil lost/recovered today:
 Ending fluid to be recovered: 140 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Job Type:
 Company:
 Procedure or Equipment detail:

COSTS

Weatherford BOP
 NPC NU crew
 NDSI trucking
 Perforators LLC
 Drilling cost
 Action hot oil
 Location preparation
 NPC wellhead
 Benco - anchors
 Admin. Overhead
 NPC Supervisor

Max TP: Max Rate: Total fluid pmpd:
 Avg TP: Avg Rate: Total Prop pmpd:
 ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Orson Barney

DAILY COST: \$0
 TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Fed 4-19-9-16 Report Date: 25-Oct-07 Day: 2a
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 318' Prod Csg: 5 1/2" @ 5954' Csg PBTD: 5864' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A3 sds	5035-5040'	4/20
A1 sds	5006-5015'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 24-Oct-07 SITP: SICP: 345

Day2a.

RU BJ Services "Ram Head" frac flange. RU BJ & frac A1 & A3 sds, stage #1 down casing w/ 59,956#'s of 20/40 sand in 510 bbl of Lightning 17 frac fluid. Perfs broke down @ 2100 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2310 @ ave rate of 27.4 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIF was 2530. 650 bbls EWTR. Leave pressure on well. See day2b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 140 Starting oil rec to date:
 Fluid lost/recovered today: 510 Oil lost/recovered today:
 Ending fluid to be recovered: 650 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: <u>Lightning 17</u>	Job Type: <u>Sand frac</u>	Weatherford Services
Company: <u>BJ Services</u>		C-D trkg frac water
Procedure or Equipment detail: <u>A1 & A3 sds down casing</u>		NPC fuel gas
<u>1428 gals w/ Techna Hib & to cross link</u>		BJ Services A sds
<u>4578 gals of pad</u>		NPC Supervisor
<u>3000 gals w/ 1-5 ppg of 20/40 sand</u>		
<u>6000 gals w/ 5-8 ppg of 20/40 sand</u>		
<u>1416 gals w/ 8 ppg of 20/40 sand</u>		
<u>504 gals of 15% HCL acid</u>		
<u>Flush w/ 4494 gals of slick water</u>		
<u>**Flush called @ blender to include 2 bbls for pump/line volume**</u>		
Max TP: <u>2620</u> Max Rate: <u>30</u> Total fluid pmpd: <u>510 bbls</u>		
Avg TP: <u>2310</u> Avg Rate: <u>27.4 bpm</u> Total Prop pmpd: <u>59,956#'s</u>		
ISIP: <u>2530</u> 5 min: <u></u> 10 min: <u></u> FG: <u>.94</u>		
Completion Supervisor: <u>Ron Shuck</u>		DAILY COST: <u>\$0</u>
		TOTAL WELL COST: <u>\$0</u>

NEWFIELD



ATTACHMENT G-1

3 of 6

DAILY COMPLETION REPORT

WELL NAME: Fed 4-19-9-16 Report Date: 25-Oct-07 Day: 2b
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 318' Prod Csg: 5 1/2" @ 5954' Csg PBTD: 5864' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4750'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A3 sds	5035-5040'	4/20
D1 sds	4617-4621'	4/16			
D2 sds	4644-4652'	4/32			
A1 sds	5006-5015'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 24-Oct-07 SITP: SICP: 1728

Day2b.

RU Perforators LLC, WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford (6K) composite flow through frac plug & 8' 4" perf guns. Set plug @ 4750'. Perforate D2 sds @ 4644-52', D1 sds @ 617-21' w/ 3-1/8" Slick Guns (19 gram .49"HE, 120) w/ 4 spf for total of 38 shots. RU BJ & frac stage #2 w/ 60,019#'s of 20/40 sand in 499 bbl of Lightning 17 frac fluid. Perfs broke down @ 4057 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 1873 @ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2145. 1149 bbls EWTR. Leave pressure on well. See day2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 650 Starting oil rec to date:
 Fluid lost/recovered today: 499 Oil lost/recovered today:
 Ending fluid to be recovered: 1149 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services

Procedure or Equipment detail: D2 & D1 sds down casing

1386 gals w/ Techna Hib & to cross link

4578 gals of pad

3000 gals w/ 1-5 ppg of 20/40 sand

6000 gals w/ 5-8 ppg of 20/40 sand

1374 gals w/ 8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4116 gals of slick water

Flush called @ blender to include 2 bbls for pump/line volume

Max TP: 2066 Max Rate: 24.8 Total fluid pmpd: 499 bbls

Avg TP: 1873 Avg Rate: 24.8 bpm Total Prop pmpd: 60,019#'s

ISIP: 2145 5 min: 10 min: FG: .90

Completion Supervisor: Ron Shuck

COSTS

Weatherford Services

C-D trkg frac water

NPC fuel gas

BJ Services D sds

Perforators D sds

DAILY COST: \$0

TOTAL WELL COST: \$0

NEWFIELD



ATTACHMENT G-1

4 of 6

DAILY COMPLETION REPORT

WELL NAME: Fed 4-19-9-16 Report Date: 25-Oct-07 Day: 2c
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 318' Prod Csg: 5 1/2" @ 5954' Csg PBTD: 5864' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4500'
 plug 4750'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
PB10 sds	4332-4338'	4/24	A3 sds	5035-5040'	4/20
PB11 sds	4397-4404'	4/28			
D1 sds	4617-4621'	4/16			
D2 sds	4644-4652'	4/32			
A1 sds	5006-5015'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 24-Oct-07 SITP: SICP: 1615

Day2c.

RU WLT. RIH w/ frac plug & 7', 6' perf guns. Set plug @ 4500'. Perforate PB11 sds @ 4397-4404', PB10 sds @ 4332-38' w/ 4 spf for total of 52 shots. RU BJ & frac stage #3 w/ 38,622#'s of 20/40 sand in 415 bbl of Lightning 17 frac fluid. Open well w/ 1615 psi on casing. Perfs broke down @ 2396 psi. Pump 30 gals of Techna Hib. Treated @ ave pressure of 2107 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. ISIP was 2145. 1546 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 3 hours & died w/ 240 bbls rec'd. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1546 Starting oil rec to date:
 Fluid lost/recovered today: 240 Oil lost/recovered today:
 Ending fluid to be recovered: 1306 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services
 Procedure or Equipment detail: PB11 & PB10 sds down casing
1470 gals w/ Techna Hib & to cross link
3276 gals of pad
2431 gals w/ 1-4 ppg of 20/40 sand
4890 gals w/ 4-6.5 ppg of 20/40 sand
1163 gals w/ 6.5 ppg of 20/40 sand
Flush w/ 4200 gals of slick water

COSTS

Weatherford Services
 C-D trkg frac water
 NPC fuel gas
 BJ Services PB sds
 Perforators PB sds
 C-D trkg wtr transfer

Max TP: 2400 Max Rate: 24.8 Total fluid pmpd: 415 bbls
 Avg TP: 2107 Avg Rate: 24.8 bpm Total Prop pmpd: 38,622#'s
 ISIP: 2145 5 min: 10 min: FG: .92

Completion Supervisor: Ron Shuck

DAILY COST: \$0
 TOTAL WELL COST: \$0

NEWFIELD



ATTACHMENT G-1

5 & 6

DAILY COMPLETION REPORT

WELL NAME: Fed 4-19-9-16 Report Date: Oct. 30, 2007 Day: 3
 Operation: Completion Rig: Western #4

WELL STATUS

Surf Csg: 8 5/8" @ 318' Prod Csg: 5 1/2" @ 5954' Csg PBTD: 5914'
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5841' BP/Sand PBTD: 5904'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
PB10 sds	4332-4338'	4/24	A3 sds	5035-5040'	4/20
PB11 sds	4397-4404'	4/28			
D1 sds	4617-4621'	4/16			
D2 sds	4644-4652'	4/32			
A1 sds	5006-5015'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 29, 2007 SITP: SICP: 250

MIRU Western #4. Bleed pressure off well. Rec est 30 BTF & still flowing small amount of oil & gas. RU & bullhead 45 BW- barely flowing. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Talley, drift PU & TIH W/ used Weatherford 4 3/4" "Chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag plug @ 4500'. Tbg displaced & well flowed approx. 25 BTF on TIH. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): no sd, plug @ 4500' in 15 minutes; no sd, plug @ 4750' in 20 minutes. Hang back swivel & con't PU tbg. Tag fill @ 5766'. Drill plug remains & sd to PBTD @ 5904' (lack 10' f/ est FC depth of 5914'). Circ hole clean. Gained add'l 40 BTF during cleanout. RD swivel. Pull EOT to 5841'. RU swab equipment. IFL @ sfc. Made 8 swb runs rec 75 BTF W/ light gas, tr oil & sm t sd. FFL @ 1200'. SIFN W/ est 1181 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1306 Starting oil rec to date: _____
 Fluid lost/recovered today: 125 Oil lost/recovered today: _____
 Ending fluid to be recovered: 1181 Cum oil recovered: _____
 IFL: sfc FFL: 1200' FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: tr

STIMULATION DETAIL

COSTS

Base Fluid used: _____ Job Type: _____

Company: _____

Procedure or Equipment detail: _____

Western #4 rig
 Weatherford BOP
 NDSI trucking
 NDSI wtr & truck
 Unichem chemicals
 NPC trucking
 TPS - new J55 tbg
 Nabors swivel
 NPC sfc equipment
 Boren labor/welding
 Mt. West sanitation
 Monks pit reclaim
 NPC supervision

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____
 Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____
 ISIP: _____ 5 min: _____ 10 min: _____ FG: _____

Completion Supervisor: Gary Dietz

DAILY COST: \$0
 TOTAL WELL COST: \$0

NEWFIELD



ATTACHMENT G-1

6066

DAILY COMPLETION REPORT

WELL NAME: Fed 4-19-9-16 Report Date: Oct. 31, 2007 Day: 4
 Operation: Completion Rig: Western #4

WELL STATUS

Surf Csg: 8 5/8' @ 318' Prod Csg: 5 1/2" @ 5954' Csg PBTD: 5914'
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Anchor @: 4974 BP/Sand PBTD: 5904'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
PB10 sds	4332-4338'	4/24	A3 sds	5035-5040'	4/20
PB11 sds	4397-4404'	4/28			
D1 sds	4617-4621'	4/16			
D2 sds	4644-4652'	4/32			
A1 sds	5006-5015'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: Oct. 30, 2007 SITP: 50 SICP: 140

Bleed gas off well. Resume swabbing for sd cleanup. IFL @ 700'. Made 6 runs rec 50 BTF W/ light gas, tr oil & no sd all day FFL @ 1600'. TIH W/ tbg f/ 5841'. Tag @ 5904' (no new fill). Circ hole W/ clean wtr. Lost est 40 BW & rec tr oil. LD excess tbg TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 2 jts tbg, new CDI 5 1/2" TA (45K) & 160 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 4974' W/ SN @ 5039' & EOT @ 5104'. Land tbg W/ 16,000# tension. NU wellhead Flush tbg W/ 60 BW (returned same). PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 20' RHAC pump, 6-1 1/2" weight rods, 17-3/4" scraped rods, 75-3/4" plain rods, 102-3/4" scraped rods, 1-3/4" plain rod, 1-6' & 1-2' X 3/4" pony rods and 1 1/2" X 26' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1171 BWTR.

Placed well on production @ 6:30 PM 10/30/2007 W/ 102" SL @ 4.5 SPM.

FINAL REPORT!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1181 Starting oil rec to date: _____
 Fluid lost/recovered today: 10 Oil lost/recovered today: _____
 Ending fluid to be recovered: 1171 Cum oil recovered: _____
 IFL: 700' FFL: 1600' FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: tr

TUBING DETAIL

ROD DETAIL

COSTS

TUBING DETAIL	ROD DETAIL	COSTS
KB 12.00'	1 1/2" X 26' polished rod	Western #4 rig
160 2 7/8 J-55 tbg (4962.47')	1-6' & 1-2' X 3/4" pony rod	Weatherford BOP
TA (2.80' @ 4974.47' KB)	1-3/4" plain rod	NPC trk & loc cleanup
2 2 7/8 J-55 tbg (61.80')	102-3/4" scraped rods	NDSI wtr disposal
SN (1.10' @ 5039.07' KB)	75-3/4" plain rods	CDI TA/SN/pump
2 2 7/8 J-55 tbg (63.08')	17-3/4" scraped rods	"A" grade rod string
2 7/8 NC (.45')	6-1 1/2" weight rods	Zubiate HO trk
EOT 5103.70' W/ 12' KB	CDI 2 1/2" X 1 1/2" X 20'	NPC frac tks(4X5 dys)
	RHAC pump W/ SM plunger	NPC swb tk (2 days)
		NPC frac head
		NDSI pump rental
		NPC supervision

DAILY COST: _____ \$0

TOTAL WELL COST: _____ \$0

Completion Supervisor: Gary Dietz

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4282'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 182' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 48 sx Class "G" cement down 5 ½" casing to 368'

The approximate cost to plug and abandon this well is \$42,000.

FEDERAL 4-19-9-16

Spud Date: 09/21/07
Put on Production: 10/16/07
GL: 6147' KB: 6159'

Initial Production: BOPD,
MCFD, BWPD

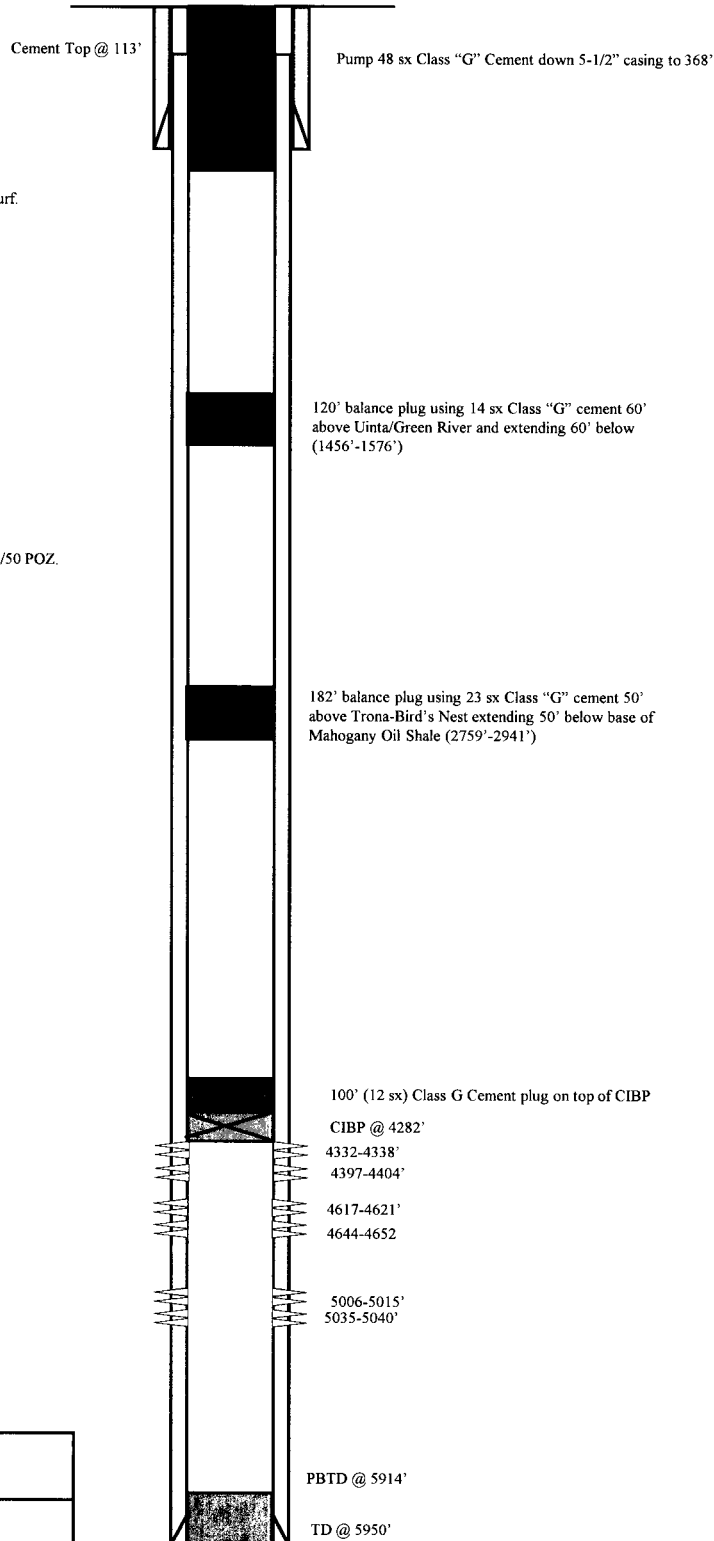
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (318.36')
DEPTH LANDED: 318.43' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 154 jts. (5940.31')
DEPTH LANDED: 5953.56' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 113'



FEDERAL 4-19-9-16

795' FNL & 507' FWL
NW/NW Section 19-T9S-R16E
Duchesne Co, Utah

API #43-013-33065; Lease # UTU-64379

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-407

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 27, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 8, 13, AND 19, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Ashley Federal 2-27-9-15 well located in NW/4 NE/4, Section 27, Township 9 South, Range 15 East
API 43-013-32834

Ashley Federal 4-27-9-15 well located in NW/4 NW/4, Section 27, Township 9 South, Range 15 East
API 43-013-32770

West Point 14-8-9-16 well located in SE/4 SW/4, Section 8, Township 9 South, Range 16 East
API 43-013-32288

Federal 16-8-9-16 well located in SE/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33061

Federal 9-13T-9-16 well located in NE/4 SE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32954

Federal 4-19-9-16 well located in NW/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33065

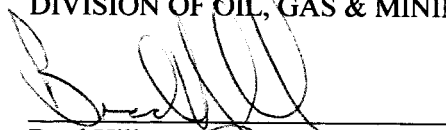
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 24th day of April, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**ASHLEY FEDERAL 2-27-9-15, ASHLEY FEDERAL 4-27-9-15,
WEST POINT 14-8-9-16, FEDERAL 16-8-9-16,
FEDERAL 9-13T-9-16, FEDERAL 4-19-9-16**

Cause No. UIC-407

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Ute Tribe
P O Box 190
Ft. Duchesne, UT 84026

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail legals@ubstandard.com

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

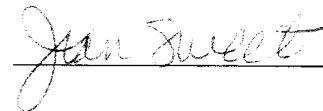
Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 24, 2013

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-407

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

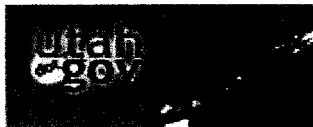
Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-407

Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>

Wed, Apr 24, 2013 at 4:08 PM

On 4/24/2013 2:20 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Executive Secretary
Utah Division of Oil, Gas and Mining
801-538-5329

This will go in April 30.

Thanks

Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 24, 2013

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-407

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

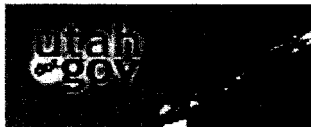
Sincerely,

Jean Sweet
Executive Secretary

Enclosure

4/25/13

State of Utah Mail - Legal Notice



Legal Notice

Fultz, Mark <naclegal@mediaoneutah.com>
Reply-To: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: jsweet@utah.gov

Wed, Apr 24, 2013 at 4:41 PM

AD# 875164
Run Trib/DNews - 4/26
Cost \$317.48
Thank you
Mark

 **OrderConf.pdf**
153K

Order Confirmation for Ad #0000875164-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
E-Mail	juliecarter@utah.gov	Jean	mfultz

Total Amount	\$317.48			
Payment Amt	\$0.00			
Amount Due	\$317.48	<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
		0	0	1

Payment Method	PO Number
	UIC-407

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	3.0 X 62 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	4/26/2013	

Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	4/26/2013	

Product	Placement	Position
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	4/26/2013	

Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	4/26/2013	

Order Confirmation for Ad #0000875164-01

Ad Content Proof Actual Size

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663
801-204-6910

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	4/26/2013

ACCOUNT NAME	
DIV OF OIL-GAS & MINING	
TELEPHONE	ADORDER#
8015385340	0000875164
SCHEDULE	
Start 04/26/2013	End 04/26/2013
CUST. REF. NO.	
UIC-407	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF	
SIZE	
62 Lines	3 00 CO
TIMES	R
4	
MISC. CHARGES	AD CH
TOTAL 875164	
317 48	

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-407

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 27, TOWNSHIP 9 SOUTH, RANGE 16 EAST, AND SECTIONS 8, 13, AND 19, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCI COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0000 for administrative approval of the following wells located in Duchesne County, Utah, for version to Class II injection wells:

Greater Monument Butte Unit:

Ashley Federal 2-27-9-15 well located in NW/4 NE/4, Section 27, Township 9 South, Range 15 East
API 43-013-32834
Ashley Federal 4-27-9-15 well located in NW/4 NW/4, Section 27, Township 9 South, Range 15 East
API 43-013-32770
West Point 14-8-9-16 well located in SE/4 SW/4, Section 8, Township 9 South, Range 16 East
API 43-013-32288
Federal 16-8-9-16 well located in SE/4 SE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33061
Federal 9-137-9-16 well located in NE/4 SE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32954
Federal 4-19-9-16 well located in NW/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33065

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural provisions. Protestants and/or interveners should be prepared to demonstrate at the hearing how their matter affects their interests.

Dated this 24th day of April, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager

UPA

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-407 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

PUBLISHED ON Start 04/26/2013 End 04/26/2013

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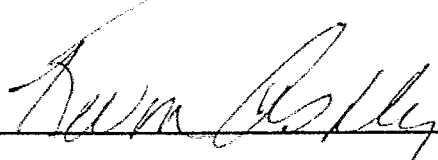
4/26/2013

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 30 day of April, 20 13, and that the last publication of such notice was in the issue of such newspaper dated the 30 day of April, 20 13, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

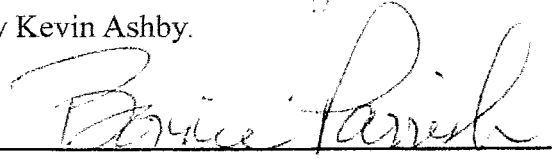


Publisher

Subscribed and sworn to before me on this

1 day of May, 20 13

by Kevin Ashby.



Notary Public

NOTICE OF AGENCY ACTION CAUSE NO. UIC-407

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEW-FIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 27, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 8, 13, AND 19, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of New-field Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative ap-

5340. If such a protest or notice of intervention is received, a hearing will be scheduled

proval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Ashley Federal 2-27-9-15 well located in NW/4 NE/4, Section 27, Township 9 South, Range 15 East

API 43-013-32834 Ashley Federal 4-27-9-15 well located in NW/4 NW/4, Section 27, Township 9 South, Range 15 East

API 43-013-32770 West Point 14-8-9-16 well located in SE/4 SW/4, Section 8, Township 9 South, Range 16 East

API 43-013-32288 Federal 16-8-9-16 well located in SE/4 SE/4, Section 8, Township 9 South, Range 16 East

API 43-013-33061 Federal 9-13-9-16 well located in NE/4 SE/4, Section 13, Township 9 South, Range 16 East

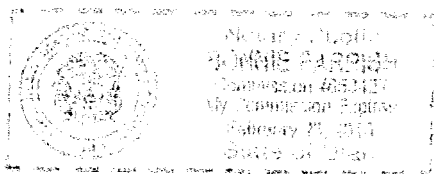
API 43-013-32954 Federal 4-19-9-16 well located in NW/4

NW/4, Section Township 9 So Range 16 East
API 43-013-33

The proceeding will be conducted in accordance with I Admin. R649-10, ministrative Procedures.

Selected zones in Green River Form will be used for injection. The minimum requested injection pressures and will be determined based on fracture gradient information submitted by New Production Company.

Any person wishing to object to application or otherwise intervene in the proceeding, file a written protest or notice of intervention with the Division within fifteen following publication of this notice. The Division's Presidreficer for the proceeding is Brad Hill, Permit Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, number (801)



**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Federal 4-19-9-16

Location: 19/9S/16E **API:** 43-013-33065

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 318 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,954 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,635 feet. A 2 7/8 inch tubing with a packer is proposed at 4,282 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 8 producing wells and 4 injection wells in the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2300 feet. Injection shall be limited to the interval between 3,909 feet and 5,914 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 4-19-9-16 well is 0.90 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,115 psig. The requested maximum pressure is 2,115 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 4-19-9-16

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 4/23/2013



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 22, 2013

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 4-19-9-16, Section 19, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33065

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,909 feet in the Federal 4-19-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

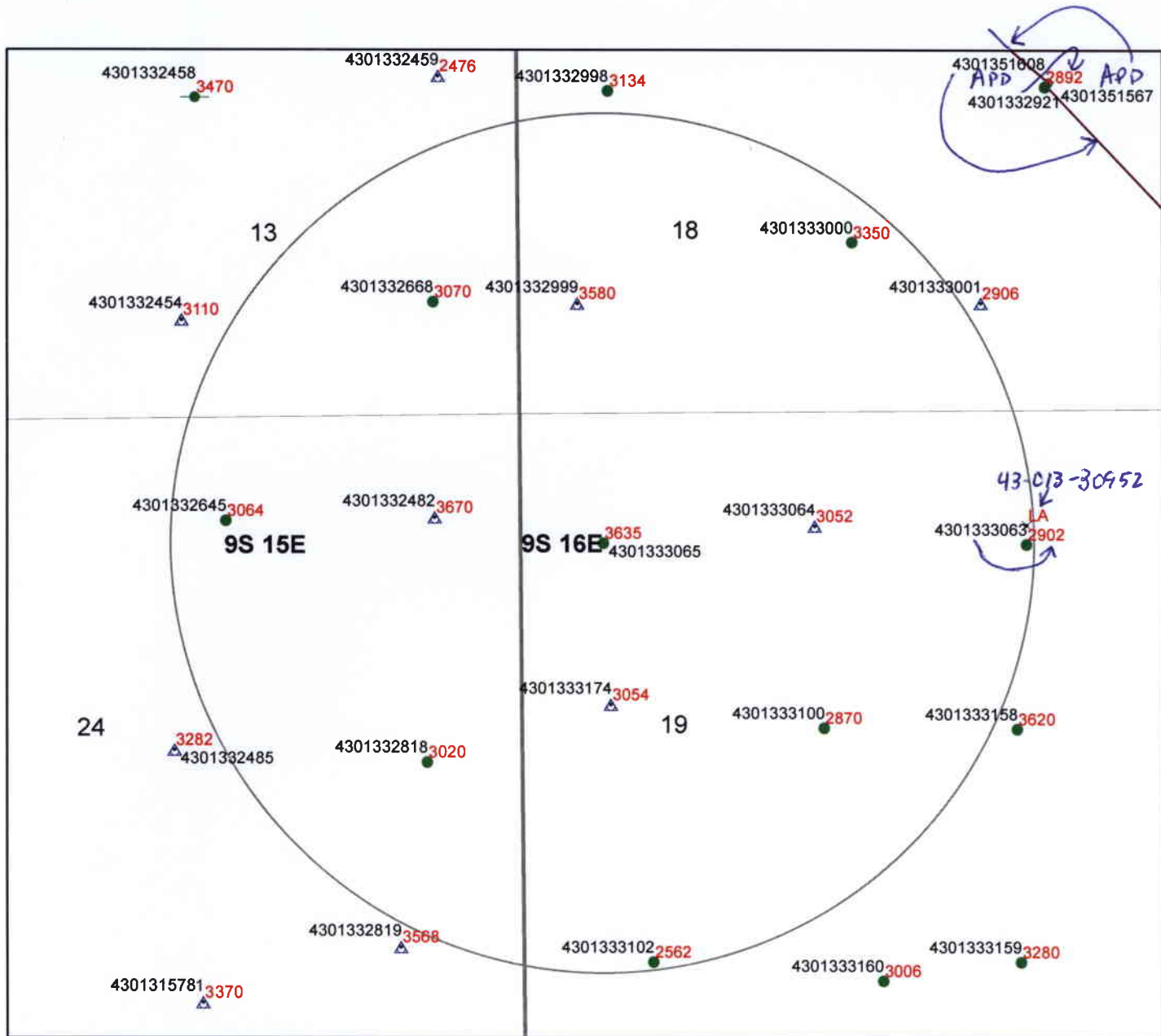
John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





Legend

Oil & Gas Well Type

- APD-Approved Permit
- ⊙ DRL-Spudded (Drilling Commenced)
- ⚡ GIW-Gas Injection Well
- _{GS} GSW-Gas Storage Well
- × LA-Location Abandoned
- LOC-New Location Well
- OPS-Drilling Operations Suspended
- ⊙ PA-Pugged & Abandoned
- ⚡ PGW-Producing Gas Well
- POW-Producing Oil Well
- ▲ RET-Returned APD
- ⚡ SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- ⊙ TA-Temp Abandoned
- TW-Test Well
- ⚡ WDW-Water Disposal Well
- ▲ WIW-Water Injection Well
- WSW-Water Supply Well

Cement Bond Tops Federal 4-19-9-16 API #43-013-33065 UIC-407.6

0 0.05 0.1 0.2 0.3 0.4 Miles



- 4585 Depth to top of suitable cement bond
- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
- Wells-CbltopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

Sundry Number: 43427 API Well Number: 43013330650000

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 4-19-9-16
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. API NUMBER: 43013330650000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0795 FNL 0507 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 19 Township: 09.0S Range: 16.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		COUNTY: DUCHESNE
STATE: UTAH		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/1/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: 	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 09/26/2013. On 09/30/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/01/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was a State representative available to witness the test - Chris Jensen.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 07, 2013		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/7/2013	

RECEIVED: Oct. 07, 2013

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Chris Jensen Date 10/11/13 Time 9:20 ☒ am ☐ pm

Test Conducted by: Jerry L. Daniels

Others Present: _____

Well: Federal 4-19 9-16

Field: Monument Bkfte.

Well Location: NW/NE Sec. 19, T4S, R16E
Duchesne County, Utah

API No: 4301333065

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1325</u>	psig
5	<u>1325</u>	psig
10	<u>1325</u>	psig
15	<u>1325</u>	psig
20	<u>1325</u>	psig
25	<u>1325</u>	psig
30 min	<u>1325</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 250 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____

CHART NO MP-2500-24HR

METER _____ DISC NO _____

CHART PUT NO _____

TIME 9:30 AM

DATE 10-1-13

LOCATION Federal

REMARKS MET

TAKEN OFF 4-19-9-16

Daily Activity Report

Format For Sundry

FEDERAL 4-19-9-16

7/1/2013 To 11/30/2013

9/26/2013 Day: 1

Conversion

Wild Cat #2 on 9/26/2013 - UNSEATED PUMP FLUSHED 40 BBLS @250DEG SOFT SEATED PUMP PT TBG TO 3K PSI GOOD TEST LD 1-1 1/2"X26' POLISH ROD, 1-3/4"X4' PONY ROD, 1-3/4"X2' PONY ROD, 99-3/4" 4-PER GUIDED RODS, 36-3/4" SLICK - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 9:00AM TRAVEL TO LOCATION 9:00AM TO 10:00AM RU RIG RD PU FLUSHED 60 BBLS @250DEG 10:00AM TO 3:00PM UNSEATED PUMP FLUSHED 40 BBLS @250DEG SOFT SEATED PUMP PT TBG TO 3K PSI GOOD TEST LD 1-1 1/2"X26' POLISH ROD, 1-3/4"X4' PONY ROD, 1-3/4"X2' PONY ROD, 99-3/4" 4-PER GUIDED RODS, 36-3/4" SLICK SUCKER RODS, 59-3/4" 4-PER GUIDED RODS, 6-1 1/2" C (API) WT BARS, 1-PUMP 3:00PM TO 4:00PM XO TBG TOOLS ND WH NU BOPS RELEASED TAC RD RIG FLOOR 4:00PM TO 7:00PM TOOH 80 JTS TBG BREAKING AND RE-DOPING W/ LIQUID O-RING GREEN DOPE SIWFN 7:00PM TO 8:30PM CREW TRAVEL - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 9:00AM TRAVEL TO LOCATION 9:00AM TO 10:00AM RU RIG RD PU FLUSHED 60 BBLS @250DEG 10:00AM TO 3:00PM UNSEATED PUMP FLUSHED 40 BBLS @250DEG SOFT SEATED PUMP PT TBG TO 3K PSI GOOD TEST LD 1-1 1/2"X26' POLISH ROD, 1-3/4"X4' PONY ROD, 1-3/4"X2' PONY ROD, 99-3/4" 4-PER GUIDED RODS, 36-3/4" SLICK SUCKER RODS, 59-3/4" 4-PER GUIDED RODS, 6-1 1/2" C (API) WT BARS, 1-PUMP 3:00PM TO 4:00PM XO TBG TOOLS ND WH NU BOPS RELEASED TAC RD RIG FLOOR 4:00PM TO 7:00PM TOOH 80 JTS TBG BREAKING AND RE-DOPING W/ LIQUID O-RING GREEN DOPE SIWFN 7:00PM TO 8:30PM CREW TRAVEL

Daily Cost: \$0

Cumulative Cost: \$20,260

9/27/2013 Day: 2

Conversion

Wild Cat #2 on 9/27/2013 - RD RIG FLOOR ND BOPS NU INJECTION WH CIRCULATED 50 BBLS PKR FLUID SET PKER W/ 15K# TENSION LOADED HOLE W/ 15 BBLS PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 10:00AM TOOH 58 JTS BREAKING AND RE-DOPING W/ LIQUID O-RIN GREEN DOPE 10:00AM TO 11:00AM LD 27, JTS TBG, 1-TAC, 1-PSN, 1-NC 11:00AM TO 2:00PM TIH INJECTION ASSEMBLY AS DETAILED, 136 JTS TBG 2:00PM TO 3:00PM PUMPED 10 BBL PILLOW DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 3:00PM TO 4:00PM RD RIG FLOOR ND BOPS NU INJECTION WH CIRCULATED 50 BBLS PKR FLUID SET PKER W/ 15K# TENSION LOADED HOLE W/ 15 BBLS PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RD RIG PRE-TRIP INSPECTION - 5:30AM TO 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 10:00AM TOOH 58 JTS BREAKING AND RE-DOPING W/ LIQUID O-RIN GREEN DOPE 10:00AM TO 11:00AM LD 27, JTS TBG, 1-TAC, 1-PSN, 1-NC 11:00AM TO 2:00PM TIH INJECTION ASSEMBLY AS DETAILED, 136 JTS TBG 2:00PM TO 3:00PM PUMPED 10 BBL PILLOW DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 3:00PM TO 4:00PM RD RIG FLOOR ND BOPS NU INJECTION WH CIRCULATED 50 BBLS PKR FLUID SET PKER W/ 15K# TENSION LOADED HOLE W/ 15 BBLS PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RD RIG PRE-TRIP INSPECTION

Daily Cost: \$0

Cumulative Cost: \$26,250

Summary Rig Activity

10/2/2013 Day: 3**Conversion**

Rigless on 10/2/2013 - Conduct initial MIT - On 09/30/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/01/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was a State representative available to witness the test - Chris Jensen. - On 09/30/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/01/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$58,462**Pertinent Files: [Go to File List](#)**

FEDERAL 4-19-9-16

Spud Date: 09/21/07

Put on Production: 10/16/07

GL: 6147' KB: 6159'

**Injection Wellbore
Diagram****SURFACE CASING**

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (318 36')

DEPTH LANDED: 318 43' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 1- 160, sxs Class "G" cmt, 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15 5#

LENGTH: 154 jts (5940 31')

DEPTH LANDED: 5953 56' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ

CEMENT TOP: 113'

TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6 5#

NO OF JOINTS: 136 jts (4244')

SEATING NIPPLE 2-7/8" (1 10')

SN LANDED AT: 4254' KB

ON/OFF TOOL AT 4255 1'

ARROW #1 PACKER CE AT 4260 3'

XO 2-3/8 x 2-7/8 J-55 AT: 4263 7'

TBG PUP 2-3/8 J-55 AT: 4264 2'

X/N NIPPLE AT: 4268 3'

TOTAL STRING LENGTH EOT @ 4270 07'

Cement Top @ 113'

SN @ 4254'

On Off Tool @ 4255'

Packer @ 4260'

X/N Nipple @ 4268'
EOT @ 4270'

4332-4338'

4397-4404'

4617-4621'

4644-4652

5006-5015'

5035-5040'

PBTD @ 5914'

TD @ 5950'

FRAC JOB

10/24/07 5006-5040'

Frac A1 & A3 sands as follows:
59956# 20/40 sand in 510 bbls Lightning 17
frac fluid Treated @ avg press of 2310 psi
w/avg rate of 27 4 BPM ISIP 2530 psi Calc
flush: 5004 gal Actual flush: 4494 gal.

10/24/07 4617-4652'

Frac D1 & D2 sands as follows:
60019# 20/40 sand in 499 bbl Lightning 17
frac fluid Treated @ avg press of 1873 psi
w/avg rate of 24 8 BPM ISIP 2145 psi Calc
flush: 4615 gal Actual flush: 4116 gal

10/24/07 4332-4404'

Frac PB10 & PB11 sands as follows:
38622# 20/40 sand in 415 bbls Lightning 17
frac fluid Treated @ avg press of 2107 psi
w/avg rate of 24 8 BPM ISIP 2145 psi Calc
flush: 4330 gal Actual flush: 4200 gal

6/11/08

Stuck pump. Updated tubing and rod detail

6/18/09

Tubing Leak. Updated rod & tubing details

10-6-10

Parted Rods. Update rod and tubing details

09/26/13

Convert to Injection Well

10/01/13

Conversion MIT Finalized - update tbg
detail**PERFORATION RECORD**

5035-5040'	4 JSPF	20 holes
5006-5015'	4 JSPF	36 holes
4644-4652'	4 JSPF	32 holes
4617-4621'	4 JSPF	16 holes
4397-4404'	4 JSPF	28 holes
4332-4338'	4 JSPF	24 holes

NEWFIELD**FEDERAL 4-19-9-16**795'FNL & 507' FWL
NW/NW Section 19-T9S-R16E
Duchesne Co, Utah

API #43-013-33065; Lease # UTU-64379



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

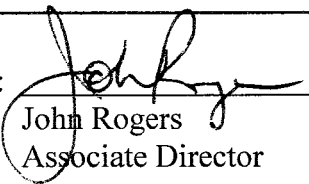
Cause No. UIC-407

Operator: Newfield Production Company
Well: Federal 4-19-9-16
Location: Section 19, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33065
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 22, 2013.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,909' – 5,914')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

10/24/13
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File
N:\O&G Reviewed Docs\ChronFile\UIC



Sundry Number: 44241 API Well Number: 43013330650000

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	8. WELL NAME and NUMBER: FEDERAL 4-19-9-16	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. API NUMBER: 43013330650000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0795 FNL 0507 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 19 Township: 09.0S Range: 16.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/24/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 3:20 PM on
10/24/2013

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 29, 2013

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 10/28/2013

RECEIVED: Oct. 28, 2013